BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer-YELAHANKA

Detailed Estimate

Name of the Work :mprovements to roads,drains and other development works at yelahanka old town,Maruthinagara,sapthagiri layout Gandhinagara KHB Colony,Nehru nagara,Shivanahalli,PDMS APTS Premies and surrounding areas in ward No 01 of Yelahanka Division under Amruth Nagarothana Grants.(PACKAGE NO 01)

							Estimate Amount :		100000000.00
Sl. No	**Particulars**	**Unit**	**Nos**	**L in m**	**B in m**	**D in m**	**Quantity**	**Rate in Rs**	**Total Amount in Rs**
	BUILDING WORKS								
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead Dismantling Brick / Tile work In cement mortar								
	(Page No. 8, SI.No.2.9 of KPWD S.R 2021-22.Volume-3)								
		Cum							
	Basic rate	***499.00***							
	Area Wieght age @ 10%	***49.90***							
	Total Rate in Rs	***548.90***							
	For Bangla School								
	For Existing Structure		1	13.00	0.20	2.50	6.50		
	For Others		1	15.00	0.20	2.00	6.00		
	For Anganwadi Floor Area								
	For Passage		1	7.00	1.40	0.20	1.96		
	For Floor Area		1	4.80	6.10	0.20	5.86		
							20.32	**548.90**	**11151.00**
2	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.								
	(Page No. 5, SI.No.1.4.1 of KPWD S.R 2021-22.Volume-1).								
		Cum							
	Basic rate	***186.00***							
	Area Wieght age @ 10%	***18.60***							
	Total Rate in Rs	***204.60***							
	For Bangla School								
	For Compound Wall N/S		1	72.00	0.60	0.80	34.56		
	S/S		1	55.00	0.60	0.80	26.40		
			2	48.00	0.60	0.80	46.08		
	For Flagging Concret Front Side of Building		1	45.00	10.70	0.25	120.38		
	For Anganwadi Floor Area								

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For Passage		1	7.00	1.40	0.10	0.98		
	For Floor Area		1	4.80	6.10	0.10	2.93		
	For Sanitary Line		1	20.00	0.40	1.50	12.00		
	Deductions Gate		-1	6.50	0.60	0.80	-3.12		
	Surabhi Layout 2nd Cross Road		2	120.00	0.50	0.45	54.00		
	Drain Desilting								
	2nd Main Road		2	100.00	0.40	0.50	40.00		
	3rd Main Road		2	58.00	0.40	0.50	23.20		
	4th Main Road		2	150.00	0.40	0.50	60.00		
	Cross Road		2	150.00	0.40	0.50	60.00		
	For Lake View Debries								
			1	5.00	3.00	0.40	6.00		
			1	15.00	5.00	0.50	37.50		
			1	5.00	4.50	0.45	10.13		
			1	5.00	4.00	0.50	10.00		
			1	17.00	5.00	1.00	85.00		
	New Drain								
	Surabhi Layout Road		2	85.00	0.90	0.80	122.40		
	For lake View Layout								
	cross Road 1		1	18.00	1.20	0.80	17.28		
	Cross Road 3		1	36.00	1.20	0.80	34.56		
	For New Culvert								
	Surabhi Layout		4	6.00	2.00	0.80	38.40		
	Lake View layout		5	6.00	1.70	0.80	40.80		
	For Sapthagiri Layout								
	For Sapthagiri Layout Main Road		2	196.10	0.45	0.30	52.95		
	5th Cross Road		2	43.00	0.45	0.30	11.61		
	2nd Streach		2	70.00	0.45	0.45	28.35		
	4th Cross Road		2	41.30	0.45	0.45	16.73		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	2nd Streach		2	72.00	0.45	0.30	19.44		
	3rd Cross Road		2	38.30	0.45	0.20	6.89		
	2nd Streach		2	75.00	0.45	0.20	13.50		
	2nd Cross Road		2	33.50	0.45	0.40	12.06		
	2nd Streach		2	80.00	0.45	0.40	28.80		
	1st Cross Road		1	26.80	0.45	0.30	3.62		
	2nd Streach		2	50.00	0.45	0.30	13.50		
	For Culvert								
	For Sapthagiri Layout		4	5.50	0.40	0.35	3.08		
	For New Drain								
	For Sapthagiri Layout								
	1st Main Connecting Road		1	99.00	1.20	0.80	95.04		
	1st Main Road		1	42.50	0.90	0.80	30.60		
	For Chain Link Fencing		25	0.20	0.20	0.30	0.30		
	For Culvert		4	5.50	1.40	0.80	24.64		
			2	12.00	1.70	0.80	32.64		
	For Maruthi Nagara Main Road								
	1st Main 4th Cross		1	32.00	0.60	0.40	7.68		
	Maruthi Nagara								
	20th Cross Road		2	70.00	0.50	0.25	17.50		
	21st Cross Road		2	67.50	0.50	0.20	13.50		
	22nd Cross Road		2	68.70	0.40	0.20	10.99		
	15th Cross Road		2	82.00	0.40	0.25	16.40		
	3rd Main Road Dead End Road		2	128.00	0.40	0.30	30.72		
	6th Cross Road		2	220.00	0.50	0.25	55.00		
	5th Cross Road								
			1	27.00	0.50	0.25	3.38		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
			1	28.00	0.50	0.20	2.80		
	1st Cross Road		2	60.00	0.50	0.25	15.00		
	2nd Cross Road		2	65.00	0.50	0.20	13.00		
	6th A Cross Road		2	23.00	0.50	0.23	5.29		
	1st Main Road 13th Cross Road		2	58.00	0.50	0.25	14.50		
	1st Main Road 14th Cross Road		2	77.00	0.50	0.20	15.40		
	Anjanappa Layout		2	71.00	0.50	0.25	17.75		
	19th Cross Road		2	65.30	0.50	0.25	16.33		
	Cross Road		2	63.90	0.50	0.30	19.17		
			2	100.80	0.50	0.20	20.16		
	Cross Road		2	110.00	0.50	0.25	27.50		
	Anjanappa Layout		1	71.00	0.50	0.20	7.10		
			1	71.00	0.50	0.20	7.10		
	New Drain								
	Vikas Layout Near BWSSB Office		2	98.00	1.20	0.80	188.16		
	For New Culvert								
	For Maruthi Nagara								
			1	3.80	1.8	0.80	5.47		
			1	8.00	2.00	0.80	12.80		
			11	6.00	2.00	0.80	105.60		
	Nehru Nagar Beside Post Office		2	120.00	0.60	0.50	72.00		
	Cross Road		2	35.00	0.40	0.50	14.00		
	Cross Road		2	40.00	0.40	0.40	12.80		
	1st Main Shivannahalli		2	185.00	0.40	0.45	66.60		
	Cross Road		4	35.00	0.40	0.30	16.80		
	Pappaya Badavane								
	Agrahara Layout Main Road		2	200.00	0.40	0.40	64.00		
	1st Cross Road		2	52.00	0.40	0.40	16.64		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
			2	35.00	0.40	0.40	11.20		
	2nd Cross Road		2	53.20	0.40	0.30	12.77		
			2	35.00	0.40	0.20	5.60		
	3rd Cross Road		2	55.00	0.40	0.25	11.00		
	4th Cross Road		2	58.00	0.40	0.35	16.24		
	5th Cross Road		2	55.80	0.40	0.30	13.39		
	6th Cross Road		2	85.80	0.40	0.35	24.02		
	Shankarappa Badavane		1	198.00	0.45	0.35	31.19		
			1	154.00	0.45	0.35	24.26		
	Badrana Badavane		2	197.00	0.45	0.35	62.06		
	For Culvert								
	For Shivanahalli		4	5.50	0.40	0.35	3.08		
	For New Drain								
	Nehru Nagar Beside Post Office		1	82.80	0.90	0.80	59.62		
	For Shivanahalli		1	100.00	0.90	0.80	72.00		
	For Culvert		5	5.50	1.70	0.80	37.40		
	APTS								
	KSISF Surrounding Area		1	145.00	1.20	0.80	139.20		
	Dormetary & Mess Road		1	115.00	1.20	0.80	110.40		
	Cross Road		1	19.00	0.80	0.80	12.16		
	Opp Mess		1	31.00	0.80	0.80	19.84		
	Opp SP Quarters		1	43.00	1.20	0.80	41.28		
	For Culvert								
	APTS								
	KSISF Surrounding Area		1	10.20	2.00	0.80	16.32		
	Dormetary & Mess Road		2	15.00	2.00	0.80	48.00		
			2	8.00	2.00	0.80	25.60		
	For Flag Post at KSISF		1	1.50	1.50	0.20	0.45		
	For Cobbol Footpath								
	APTS								

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	KSISF Surrounding Area		1	145.00	1.20	0.30	52.20		
	For Shoulder		10	1.60	0.80	0.40	5.12		
	Dormetary & Mess Road		8	5.50	0.80	0.40	14.08		
	Main Road		2	600.00	0.20	0.15	36.00		
			D= 1.50	HD^2/4					
	Rain Water Harvesting Pit		8	1.760		2.50	35.20		
	Judicial layout								
	7th Main Road		1	260.00	1.20	0.80	249.60		
			1	254.00	1.20	0.80	243.84		
	6th Main Road		2	102.70	0.50	0.30	30.81		
	Cross Road		2	64.10	1.20	0.80	123.07		
	For New Culvert								
	Judicial layout		7	6.20	2.00	1.00	86.80		
	For Cobbol Pathway								
	Judicial layout								
	7th Main Road		1	260.00	1.50	0.15	58.50		
			1	254.00	1.50	0.15	57.15		
							3973.78	**204.60**	**813036.00**
3	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately)Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates								
	(Page No. 15, Sl.No.2.1.3 of KPWD S.R 2021-22.Volume-1).								
		Cum							
	Basic rate	***5752.00***							
	Area Wieght age @ 10%	***575.20***							
	Total Rate in Rs	**6327.20**							
	For Bangla School								
	For Compound Wall N/S		1	72.00	0.60	0.15	6.48		
	S/S		1	55.00	0.60	0.15	4.95		
			2	48.00	0.60	0.15	8.64		
	For Flagging Concret Front Side of Building		1	45.00	10.70	0.15	72.23		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For Column		3	0.90	0.90	0.15	0.36		
	For Anganwadi Floor Area								
	For Passage		1	7.00	1.40	0.10	0.98		
	For Floor Area		1	4.80	6.10	0.10	2.93		
	For Sanitary Line		1	20.00	0.40	0.15	1.20		
	Deductions Gate		-1	6.50	0.60	0.15	-0.59		
	New Drain								
	Surabhi Layout Road		2	85.00	0.90	0.15	22.95		
	For lake View Layout								
	cross Road 1		1	18.00	1.20	0.15	3.24		
	Cross Road 3		1	36.00	1.20	0.15	6.48		
	For New Culvert								
	Surabhi Layout		4	6.00	2	0.15	7.20		
	Lake View layout		5	6.00	1.70	0.15	7.65		
	For New Drain								
	For Sapthagiri Layout								
	1st Main Connecting Road		1	99.00	1.20	0.15	17.82		
	1st Main Road		1	42.50	0.90	0.15	5.74		
	For Culvert		4	5.50	1.40	0.15	4.62		
			2	12.00	1.70	0.15	6.12		
	For Chain Link Fencing		25	0.20	0.20	0.40	0.40		
	Kerbs								
	For Sapthagiri Layout Main Road		2	100.00	0.20	0.10	4.00		
	5th Cross Road		2	43.00	0.20	0.10	1.72		
	2nd Streach		2	32.00	0.20	0.10	1.28		
	4th Cross Road		2	41.30	0.20	0.10	1.65		
	2nd Streach		2	30.00	0.20	0.10	1.20		
	1st Cross Road		1	26.80	0.20	0.10	0.54		
	2nd Streach		2	40.00	0.20	0.10	1.60		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	New Drain								
	Vikas Layout Near BWSSB Office		2	98.00	1.20	0.15	35.28		
	For New Culvert								
	For Maruthi Nagara								
			1	3.80	1.8	0.15	1.03		
			1	8.00	2.00	0.15	2.40		
			11	6.00	2.00	0.15	19.80		
	Nehru Nagar Beside Post Office		1	82.80	0.90	0.15	11.18		
	For Shivanahalli		1	100.00	0.90	0.15	13.50		
	For Culvert		5	5.50	1.70	0.15	7.01		
	APTS								
	KSISF Surrounding Area		1	145.00	1.20	0.15	26.10		
	Dormetary & Mess Road		1	115.00	1.20	0.15	20.70		
	Cross Road		1	19.00	0.80	0.15	2.28		
	Opp Mess		1	31.00	0.80	0.15	3.72		
	Opp SP Quarters		1	43.00	1.20	0.15	7.74		
	For Culvert								
	APTS								
	KSISF Surrounding Area		1	10.20	2.00	0.15	3.06		
	Dormetary & Mess Road		2	15.00	2.00	0.15	9.00		
			2	8.00	2.00	0.15	4.80		
	For Flag Post at KSISF L/W		2	1.50	0.45	0.15	0.20		
	S/W		2	1.50	0.45	0.15	0.20		
	For Steps		1	1.50	0.60	0.15	0.14		
	For Cobbol Footpath								
	APTS								
	For Shoulder		10	1.60	0.80	0.10	1.28		
	Dormetary & Mess Road		8	5.50	0.80	0.10	3.52		
	For Kerb								
	Main Road		2	600.00	0.20	0.10	24.00		
	For New Culvert								
	Judicial layout		7	6.20	2.00	0.15	13.02		
	Judicial layout								

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	7th Main Road		1	260.00	1.20	0.15	46.80		
			1	254.00	1.20	0.15	45.72		
	6th Main Road		2	102.70	1.20	0.15	36.97		
	Cross Road		2	64.10	1.20	0.15	23.08		
	For Cobbol Pathway								
	Judicial layout								
	7th Main Road		1	260.00	1.50	0.15	58.50		
			1	254.00	1.50	0.15	57.15		
	For Tree Pits		-40	0.80	0.80	0.15	-3.84		
							665.72	**6327.20**	**4212159.00**
4	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates								
	(Page No. 17, I.No. 2.5.2 of KPWD S.R 2021-22). Volume 1								
		Cum							
	Basic rate	***6492.00***							
	For Form Work	***649.20***							
	Sub Total	***7141.20***							
	Area Wieght age @ 10%	***714.12***							
	Total Rate in Rs	***7855.32***							
	For Bangla School								
	For Arch								
	For Column Pedstal		3	0.70	0.70	0.50	0.74		
	For Column		3	0.40	0.40	4.50	2.16		
	For Beam		1	6.50	0.40	0.40	1.04		
					Sub Total		**3.94**		
	For Lintel Beam								
	For Tiolet L/W		3	1.50	0.10	0.100	0.05		
	S/W		1	2.10	0.10	0.100	0.02		
	For Store Area		1	3.65	0.10	0.100	0.04		
					Sub Total		**0.10**		
					Net Qty		**4.04**	**7855.32**	**31716.00**

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
5	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.								
	(Page No. 99, SI.No. 13.1 of KPWD S.R 2021-22.Volume-3).								
		Tonne							
	Basic rate	***103329.00***							
	Area Wieght age @ 10%	***10332.90***							
	Total Rate in Rs	***113661.90***							
	For Bangla School								
	For Arch @ 100Kg/Cum	1.00	3.935	0.100			0.39		
	For Lintel @ 75 Kg /Cum	1.00	0.103	0.075			0.01		
	For Drain @65Kg/Cum	1.00	813.863	0.065			52.90		
	For Culvert @85Kg/Cum	1.00	221.113	0.085			18.79		
							72.10	**113661.90**	**8194663.00**
6	Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge : ** Flamed finish granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent.								
	(Page No. 63, SI.No 9.23 of KPWD S.R 2021-22.Volume-2).								
		Sqm							
	Basic rate	***1899.00***							
	Area Wieght age @ 10%	***189.90***							
	Total Rate in Rs	***2088.90***							
	For Bangla School								
	For Column	4.00	3	0.40		4.50	21.60		
	For Beam	4.00	1	6.50		0.40	10.40		
							32.00	**2088.90**	**66845.00**
7	Providing and laying flooring and steps machine cut granite slabs 40 mm thick on cement mortar bed 1:6, 25 mm thick, and pointed with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar labour, curing complete as per specifications.								
	(Page No. 63, SI.No 9.28 of KPWD S.R 2021-22.Volume-2).								
		Sqm							
	Basic rate	***2372.00***							
	Area Wieght age @ 10%	***237.20***							
	Total Rate in Rs	***2609.20***							
	APTS								
	For Flag Post at KSISF L/W		1	1.50	1.50		2.25		
	For Sides		3	1.50		0.40	1.80		
	For Steps		2	1.50	0.30		0.90		
			2	1.50		0.15	0.45		
							5.40	**2609.20**	**14090.00**

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
8	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)								
	(Page No. 9, SI.No. 5.4 of KPWD S.R 2021-22.Volume-2).								
		Cum							
	Basic rate	***5422.00***							
	Area Wieght age @ 10%	***542.20***							
	Total Rate in Rs	***5964.20***	Cum						
	For Bangla School								
	For Compound Wall N/S		1	72.00	0.45	1.20	38.88		
	S/S		1	55.00	0.45	1.20	29.70		
			2	48.00	0.45	1.20	51.84		
	Deductions Gate		-1	6.50	0.45	1.20	-3.51		
	APTS								
	For Flag Post at KSISF L/W		2	1.50	0.45	0.60	0.81		
	S/W		2	1.50	0.45	0.60	0.81		
	For Steps		1	1.50	0.60	0.23	0.21		
			1	1.50	0.30	0.23	0.10		
	Judicial layout								
	H/W	2.00	7	6.20	0.45	0.80	31.25		
							150.09	**5964.20**	**895158.00**
9	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates								
	(Page No. 17, SI.No.2.4.1 of KPWD S.R 2021-22.Volume-1).								
		Cum							
	Basic rate	***6096.00***							
	Area Wieght age @ 10%	***609.60***							
	Total Rate in Rs	***6705.60***							
	For Bangla School								
	For Coping Concrete								
	For Compound Wall N/S		1	72.00	0.45	0.075	2.43		
	S/S		1	55.00	0.45	0.075	1.86		
			2	48.00	0.45	0.075	3.24		
	For Sanitary Line		1	20.00	0.40	0.15	1.20		
	For Flagging Concret Front Side of Building		1	45.00	10.70	0.15	72.23		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Deductions Gate		-1	6.50	0.45	0.075	-0.22		
	APTS								
	For Ramp								
		2.00	1	10.20	0.80	0.100	1.63		
		2.00	2	15.00	0.80	0.100	4.80		
		2.00	2	8.00	0.80	0.100	2.56		
	For Flag Post at KSISF L/W		1	1.50	1.50	0.10	0.23		
	For Culvert								
	Judicial layout								
	H/W	2.00	7	6.20	0.45	0.075	2.93		
	Vent		7	6.20	0.90	0.075	2.93		
	For Ramp	2.00	7	6.20	0.80	0.100	6.94		
	Judicial layout For Existing Drain								
	For Drain H/W								
	Judicial layout								
	6th Main Road	2	2	110.00	0.20	0.075	6.60		
	For Drain Vent								
	Judicial layout								
	6th Main Road		2	110.00	0.50	0.075	8.25		
	For Drain Ramp								
	Judicial layout								
	6th Main Road		2	110.00	0.50	0.125	13.75		
							131.35	**6705.60**	**880793.00**
10	Ruled/ Flush pointing on White sand stone masonry surface with lime, surkhi and marble dust mortar in the ratio of 1:1.5:1/2 {One lime : 1.5 surkhi (15% dark red and 85% light yellow surkhi) : 1/2 marble dust}. (The rate is inclusive of all aterials & labours involved except scaffolding).								
	(Page No. 190, SI.No.21.6 of KPWD S.R 2021-22.Volume-2).								
		Sqm							
	Basic rate	***193.00***							
	Area Wieght age @ 10%	***19.30***							
	Total Rate in Rs	***212.30***							
	For Bangla School								
	For Compound Wall N/S		1	72.00		0.400	28.80		
	S/S		1	55.00		0.400	22.00		
			2	48.00		0.400	38.40		
	Deductions Gate		-1	6.50		0.400	-2.60		
							86.60	**212.30**	**18385.00**

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
11	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.								
	(Page No. 17, SI.No.6.32 of KPWD S.R 2021-22.Volume-2).								
		Sqm							
	Basic rate	***1202.00***							
	Area Wieght age @ 10%	***120.20***							
	Total Rate in Rs	***1322.20***							
	For Bangla School								
	For Compound Wall N/S		1	72.00		1.800	129.60		
	S/S		1	55.00		1.800	99.00		
			2	48.00		1.800	172.80		
	For Anganwadi Passage		2	1.50		3.100	9.30		
	Deductions Ventilator		-2	1.40		0.600	-1.68		
	Deductions Gate		-1	6.50		1.800	-11.70		
							397.32	**1322.20**	**525337.00**
12	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x100x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.								
	(Page No. 17, SI.No.6.34 of KPWD S.R 2021-22.Volume-2).								
		Sqm							
	Basic rate	***946.00***							
	Area Wieght age @ 10%	***94.60***							
	Total Rate in Rs	***1040.60***							
	For Bangla School								
	For Tiolet L/W		3	1.50		3.100	13.95		
	S/W		1	2.10		3.100	6.51		
	For Store Area		1	3.65		3.100	11.32		
	Deductions :		-2	0.75		2.100	-3.15		
			-1	0.90		2.100	-1.89		
							26.74	**1040.60**	**27820.00**
13	Providing 12 mm cement plaster finished with a floating coat of neat cement of mix :1:3 (1 cement: 3 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.								
	(Page No. 41, I.No. 8.4.1 of KPWD S.R 2021-22). Volume 2								
		Sqm							
	Basic rate	***282.00***							
	Area Wieght age @ 10%	***28.20***							
	Total Rate in Rs	***310.20***							
	For Bangla School								

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For Tiolet L/W	2.00	3	1.50		3.100	27.90		
	S/W	2.00	1	2.10		3.100	13.02		
	For Store Area	2.00	1	3.65		3.100	22.63		
	Deductions :		-2	0.75		2.100	-3.15		
			-1	0.90		2.100	-1.89		
							58.51	**310.20**	**18150.00**
14	Providing 18 mm cement plaster in two coats under layer 12 mm thick cement plaster with cement mortar 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster with cement mortar 1:3 (1 cement : 3 coarse sand) finished rough with sponge to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.								
	(Page No. 42, I.No. 8.9 of KPWD S.R 2021-22). Volume 2								
		Sqm							
	Basic rate	***329.00***							
	Area Wieght age @ 10%	***32.90***							
	Total Rate in Rs	***361.90***							
	For Bangla School								
	For Compound Wall N/S		2	72.00		1.800	259.20		
	S/S		2	55.00		1.800	198.00		
			4	48.00		1.800	345.60		
	For Column Pedstal	4.00	3	0.40		4.50	21.60		
	For Beam	4.00	1	6.50		0.40	10.40		
	For Anganwadi Passage	2.00	2	1.50		3.100	18.60		
	Deductions Ventilator	2.00	-2	1.40		0.600	-3.36		
	Deductions Gate		-2	6.50		1.800	-23.40		
							826.64	**361.90**	**299161.00**
15	Providing and applying white cement based putty of average thickness 1 mm, of approve brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.								
	(Page No. 50, I.No. 8.51 of KPWD S.R 2021-22). Volume 2								
		Sqm							
	Basic rate	***83.00***							
	Area Wieght age @ 10%	***8.30***							
	Sub Total Rate in Rs	***91.30***							
	For Anganwadi Building								
	L/W		2	6.30		3.10	39.06		
	S/W		2	4.80		3.10	29.76		
	For Tiolet		6	1.50		3.10	27.90		
			2	2.10		3.10	13.02		
	Store Room Partion Wall		2	3.65		3.10	22.63		
	For Celing		1	6.30	4.80		30.24		
	Deductions :		-3	0.90		2.10	-5.67		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	W		-4	0.90		0.90	-3.24		
	D1		-2	0.75		2.10	-3.15		
							150.55	**91.30**	**13745.00**
16	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two coats) over and including water thinnable priming coat with cement primer after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.								
	(Page No. 45, I.No. 8.25 of KPWD S.R 2021-22). Volume 2								
		Sqm							
	Basic rate	***105.00***							
	Area Wieght age @ 10%	***10.50***							
	Sub Total Rate in Rs	***115.50***							
	Quantity Same as item No		15				150.55		
							150.55	**115.50**	**17389.00**
17	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67 ltr/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.								
	(Page No. 46, I.No. 8.30 of KPWD S.R 2021-22). Volume 2								
		Sqm							
	Basic rate	***136.00***							
	Area Wieght age @ 10%	***13.60***							
	Sub Total Rate in Rs	***149.60***							
	For Anganwadi Building								
	L/W		3	6.7		3.10	62.31		
	S/W		2	5		3.10	31.00		
	Deductions :		-3	0.90		2.10	-5.67		
	W		-4	0.90		0.90	-3.24		
	D1		-2	0.75		2.10	-3.15		
	For Extra Area		1	5.00		3.50	17.50		
	For Anganwadi Passage	2.00	2	1.50		3.100	18.60		
	Deductions Ventilator	2.00	-2	1.40		0.600	-3.36		
	Deductions Gate		-2	6.50		1.800	-23.40		
							90.59	**149.60**	**13552.00**
18	Providing & fixing of 2-track x 2-panel sliding windows made out of multi chambered UPVC (Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 50mm width x 42mm height with reinforcement of 1mm thickness and Sash with overall size of 31mm X 57mm with Gi reinforcement of 1mm for the frame and 1.5 mm for the sash. Coextruded Glazing bead for fixing of glass shall be of size 21.5mm x 9.5 mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock.								
	(Page No. 110, I.No. 12.86 of KPWD S.R 2021-22). Volume 2								
		Sqm							
	Basic rate	***5842.00***							
	Area Wieght age @ 10%	***584.20***							
	Sub Total Rate in Rs	***6426.20***							
	W		4	0.90		0.90	3.24		
							3.24	**6426.20**	**20821.00**

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
19	Providing Mathi/Nandi wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.								
	(Page No. 100, I.No. 12.12 of KPWD S.R 2021-22). Volume 2								
		Cum							
	Basic rate	***75344.00***							
	Area Wieght age @ 10%	***7534.40***							
	Total Rate in Rs	***82878.40***							
	For Anganwadi Building								
	For Door D		4	6.60	0.10	0.10	0.26		
	D1		2	6.30	0.10	0.10	0.13		
							0.39	**82878.40**	**32323.00**
20	Providing and fixing in position fully panelled Mathi/Nandi wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures)								
	(Page No. 100, I.No. 12.15 of KPWD S.R 2021-22). Volume 2								
		Sqm							
	Basic rate	***4556.00***							
	Area Wieght age @ 10%	***455.60***							
	Total Rate in Rs	***5011.60***							
	For Anganwadi Building								
	For Door D		4	0.90		2.10	7.56		
	D1		2	0.75		2.10	3.15		
							10.71	**5011.60**	**53674.00**
21	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm.(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made)								
	(Page No. 110, I.No. 12.85 of KPWD S.R 2021-22). Volume 2								
		Sqm							
	Basic rate	***4870.00***							
	Area Wieght age @ 10%	***487.00***							
	Total Rate in Rs	***5357.00***							
	Ventilator		2	1.4		0.6	1.68		
							1.68	**5357.00**	**9000.00**
22	Providing skirting, dadooing, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.								
	(Page No. 65, I.No. 9.39 of KPWD S.R 2021-22). Volume 2								
		Sqm							
	Ground Floor								
	Basic rate	***2075.00***							
	Area Wieght age @ 10%	***207.50***							
	Total Rate in Rs	***2282.50***							
	For Anganwadi Building								
	L/W		2	6.3		2.10	26.46		
	S/W		2	4.8		2.10	20.16		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For Tiolet		6	1.5		2.10	18.90		
			2	2.10		2.10	8.82		
	Store Room Partion Wall		2	3.65		2.10	15.33		
	Deductions :		-3	0.90		2.10	-5.67		
	W		-4	0.90		2.10	-7.56		
	D1		-2	0.75		2.10	-3.15		
							73.29		
				Take 30% Deduction			**21.99**		
							51.30	**2282.50**	**117099.00**
23	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joints with white cement and matching pigments etc., complete Size of Tile 600x600 mm								
	(Page No. 60, I.No. 9.12.2 of KPWD S.R 2021-22). Volume 2								
		Sqm							
	Ground Floor								
	Basic rate	*1098.00*							
	Area Wieght age @ 10%	*109.80*							
	Total Rate in Rs	*1207.80*							
	For Celing		1	6.30	4.80		30.24		
	For Passage		1	6.80	1.40		9.52		
							39.76		
				Take 20% Deduction			**1.90**		
							37.86	**1207.80**	**45722.00**
	PLUMBING WORKS								
24	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests								
	(Page No. 123, I.No. 14.1.1 of KPWD S.R 2021-22). Volume 2								
		Each							
	Basic rate	*4246.00*							
	Area Wieght age @ 10%	*424.60*							
	Total Rate in Rs	*4670.60*							
			1				1.00		
							1.00	**4670.60**	**4671.00**
25	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid								
	(Page No. 123, I.No. 14.3.1 of KPWD S.R 2021-22). Volume 2								
		Each							
	Basic rate	*5005.00*							
	Area Wieght age @ 10%	*500.50*							
	Total Rate in Rs	*5505.50*							
			1				1.00		
							1.00	**5505.50**	**5506.00**
26	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required: using White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer								
	(Page No. 125, I.No. 14.7 A of KPWD S.R 2021-22). Volume 2								
		Each							
	Basic rate	*3599.00*							

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Area Wieght age @ 10%	***359.90***							
	Total Rate in Rs	***3958.90***							
			2				2.00		
							2.00	**3958.90**	**7918.00**
27	Providing and fixing brass stop cock of approved quality : 20 mm nominal bore								
	(Page No.115,I.No.13.3.2 of KPWD S.R 2021-22).Volume 2								
		Nos							
	Basic rate	***345.00***							
	Area Wieght age @ 10%	***34.50***							
	Total Rate in Rs	***379.50***							
			2				2.00		
							2.00	**379.50**	**759.00**
28	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 25 mm nominal bore								
	(Page No.115,I.No.13.5.3 of KPWD S.R 2021-22).Volume 2								
		Nos							
	Basic rate	***384.00***							
	Area Wieght age @ 10%	***38.40***							
	Total Rate in Rs	***422.40***							
			2				2.00		
							2.00	**422.40**	**845.00**
29	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 25 mm nominal bore Vertical								
	(Page No.115,I.No.13.6.1.2 of KPWD S.R 2021-22).Volume 2								
		Nos							
	Basic rate	***553.00***							
	Area Wieght age @ 10%	***55.30***							
	Total Rate in Rs	***608.30***							
			2				2.00		
							2.00	**608.30**	**1217.00**
30	Supplying PVC ringtite pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc. for: PVC pipes 25mm dia, 10 kg/sqcm & class 5								
	(Page No. 134, I.No. 1.1, SOR Code: M010A of KPWD S.R 2021-22). Volume 5								
		Mtr							
	Basic rate	***47.00***							
	Area Wieght age @ 10%	***4.70***							
	Total Rate in Rs	***51.70***							
			1	80.00			80.00		
							80.00	**51.70**	**4136.00**

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
31	Supplying PVC ringtite pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc. for: PVC pipes 32mm dia., 10 kg/sqcm & class 5								
	(Page No. 134, I.No. 1.2, SOR Code: M010B of KPWD S.R 2021-22). Volume 5								
		Mtr							
	Basic rate	***64.00***							
	Area Wieght age @ 10%	***6.40***							
	Total Rate in Rs	***70.40***							
			1	50.00			50.00		
							50.00	**70.40**	**3520.00**
32	Supplying UNPLASTICISED PVC pipes conforming to IS 16098:2013 with latest amendments ended with integral sockets with ISI mark and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading and unloading at both destinations and cuts of pipes wherever necessary including jointing of UPVC pipes (with cost of elastomeric sealing rings) and specials (excluding cost of specials) with jointing of approved type, with all labour, lead & lifts, including encasing the pipes alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (contractor will make his own arrangements for procuring water for testing) etc. for:Pipes of SN4, 110mm dia.								
	(Page No. 134, I.No. 2.2, SOR Code: M020B of KPWD S.R 2021-22). Volume 5								
		Mtr							
	Basic rate	***271.00***							
	Area Wieght age @ 10%	***27.10***							
	Total Rate in Rs	***298.10***							
	For Sanitary Line		1	25.00			25.00		
							25.00	**298.10**	**7453.00**
	For Chain Link Fencing								
33	Providing and fixing Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished seamless type tubes including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.								
	(P-81, It-11.16.2) of PWD SR 2021-22.Volume 2								
		Kg							
	Basic rate	***136.00***							
	Area Wieght age @ 10%	***13.60***							
	Total Rate in Rs	***149.60***							
	Overal Length 236 Mtr		Kgs			Kg/Rmt			
	For Bangla School								
	For Vertical Rods 50 X 50 X 5MM		7.07 kg/ Rmt	111.00	1.30	7.07	1020.20		
	For Horizantal Rods 50 x 5 MM		5.55 kg /Rmt	2.00	223.00	5.55	2475.30		
	For Sapthagiri Layout								

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For Vertical Rods 50 X 50 X 5MM		7.07 kg/ Rmt	25.00	1.80	7.07	318.15		
	For Horizantal Rods 50 x 5 MM		5.55 kg /Rmt	2.00	50.00	5.55	555.00		
	APTS								
	For Flag Post Pole		Kgs			Kg/Rmt			
	For Vertical Rods 100 X 5MM		11.71 kg/ Rmt	1.00	6.20	11.71	72.60		
	For Flag Post Railing Allround								
	35mm dia Vertical		3.70 kg/ Rmt	13.00	1.00	3.70	48.10		
	35mm dia Horizantal		3.70 kg/ Rmt	4.00	6.50	3.70	96.20		
			Nos		Kg/Rmt				
	For Gratings for Shoulder 0.40 x 0.30 10mm dia Rods		5.00	0.40	0.78	1.56			
			4.00	0.30	0.78	0.94			
			For 1 Gratings 2.50Kg						
			18			2.50	45.00		
	Judicial layout		40			2.50	100.00		
							4730.55	**149.60**	**707691.00**
34	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 25x25 mm made of G.I. wire of dia 3 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge.								
	(P-95, It-11.60) of PWD SR 2021-22 Volume 2								
		Sqm							
	Basic rate	***780.00***							
	Area Wieght age @ 10%	***78.00***							
	Total Rate in Rs	***858.00***							
			Sqm						
	For Bangla School								
	For Compound Wall N/S		1	72.00		1.000	72.00		
	S/S		1	55.00		1.000	55.00		
			2	48.00		1.000	96.00		
	Deductions Gate		-1	6.50		1.000	-6.50		
	For Sapthagiri Layout								
	For Chain Link Fencing		1	50.00	1.50		75.00		
							291.50	**858.00**	**250107.00**

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APPROVED BOQ

Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
35	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72*72*4.8mm Sq. GI Pipe frame with top pipe bending in heavy duty hydraolic press with sand packing and hot bending to form double arch as per drawing profile,20mm hot dip galvanised sq.rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged omamental design in between sq.rods and heads at top,middle and bottom. Intermediate supports of 75*12mm and 50*6mm arch bent to hot .dip galvanised flats.the work is inclusive of throughing GI.flat GI sq.rods,placing,welding all the joints including grinding,finishing metal patty,painting wo coats enamel painting.The rate is inclusive of all materials like GI sq.pipe,GI.Sq.rods,GI forged designs etc., heavy duty hinges are made out of 75mm solid sq.block assembled with 20mm dia bearing in the three places for each flop. Heavy duty locking arrangements at low places including cost of labou,pailnting,erecting charges using hoist pulley cranes with all lead and lift,loading,transportation,unloading,scaffolding charges and all other incidental charges for sucessful completion of the work as per directions of the Engineer-in-charge of the work.								
	Data Rate								
		Sqm							
	Data Rate	***21350.00***							
			Sqm						
	For Bangla School								
	Main Gate		1	4.50		2.100	9.45		
	Sub Gate		1	1.20		2.100	2.52		
							11.97	**21350.00**	**255560.00**
	CIVIL WORKS								
36	Demolishing cement concrete manually/ by mechanical means including disposal of material to the appropriate disposal area as per direction of Engineer-in-charge.								
	(Page No. 163, SI.No.19.2.1 of KPWD S.R 2021-22.Volume-2).								
		Cum							
	Basic rate	***1274.00***							
	Area Wieght age @ 10%	***127.40***							
	Total Rate in Rs	***1401.40***							
	For Culvert Casting								
	For Sapthagiri Layout		3	6.00	1.20	0.25	5.40		
	For Culvert Casting								
	For Maruthi Nagara		8	6.00	1.80	0.25	21.60		
	For CC Road								
	For Maruthi Nagara								
	1st Main 4th Cross		1	32.00	4.50	0.30	43.20		
	3rd Main Road Cross Road		1	20.00	3.00	0.30	18.00		
	APTS								
	Opp Mess		1	31.00	5.50	0.25	42.63		
	Front Side of Building Area		1	20.00	7.00	0.25	35.00		
					Total Qty		**165.83**	**1401.40**	**232387.00**
37	Removing and resetting of kerb stones								
	Approved Rate on 18-06-2022								
		Mtr							
	Approved rate	***118.00***							

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	APTS								
	Main Road		2	600.00			1200.00		
							1200.00		
				Missing Bits 30%			**-360.00**		
							840.00	**118.00**	**99120.00**
38	Removing and Resetting of Footpath Slab								
	Approved Rate on 18-06-2022								
		Sqm							
	Approved rate	***235.00***							
A	**Drain Top PCC Slab**								
	Surabhi Layout								
	Surabhi Layout 2nd Cross Road		2	120.00	0.75		180.00		
	For lake View Layout								
	2nd Main Road		2	100.00	0.75		150.00		
	3rd Main Road		2	58.00	0.75		87.00		
	4th Main Road		2	150.00	0.75		225.00		
	Cross Road		2	150.00	0.75		225.00		
	For Sapthagiri Layout								
	For Sapthagiri Layout Main Road		2	196.10	0.75		294.15		
	5th Cross Road		2	43.00	0.75		64.50		
	2nd Streach		2	70.00	0.75		105.00		
	4th Cross Road		2	41.30	0.75		61.95		
	2nd Streach		2	72.00	0.75		108.00		
	3rd Cross Road		2	38.30	0.75		57.45		
	2nd Streach		2	75.00	0.75		112.50		
	2nd Cross Road		2	33.50	0.75		50.25		
	2nd Streach		2	80.00	0.75		120.00		
	1st Cross Road		1	26.80	0.75		20.10		
	2nd Streach		2	50.00	0.75		75.00		
	For Maruthi Nagara Main Road								
	1st Main 4th Cross		1	32.00	1.00		32.00		
	Maruthi Nagara								
	20th Cross Road		2	70.00	0.75		105.00		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	21st Cross Road		2	67.50	0.75		101.25		
	22nd Cross Road		2	68.70	0.75		103.05		
	15th Cross Road		2	82.00	0.75		123.00		
	3rd Main Road Dead End Road		2	128.00	0.75		192.00		
	6th Cross Road		2	220.00	0.75		330.00		
	5th Cross Road								
			1	27.00	0.75		20.25		
			1	28.00	0.75		21.00		
	1st Cross Road		2	60.00	0.75		90.00		
	2nd Cross Road		2	65.00	0.75		97.50		
	6th A Cross Road		2	23.00	0.75		34.50		
	1st Main Road 13th Cross Road		2	58.00	0.75		87.00		
	1st Main Road 14th Cross Road		2	77.00	0.75		115.50		
	Anjanappa Layout		2	71.00	0.75		106.50		
	19th Cross Road		2	65.30	0.75		97.95		
	Cross Road		2	63.90	0.75		95.85		
			2	100.80	0.75		151.20		
	Cross Road		2	110.00	0.75		165.00		
	Anjanappa Layout		1	71.00	0.75		53.25		
			1	71.00	1.00		71.00		
	Nehru Nagar Beside Post Office		2	120.00	0.90		216.00		
	Cross Road		2	35.00	0.75		52.71		
	Cross Road		2	40.00	0.75		60.00		
	1st Main Shivannahalli		2	185.00	0.75		277.50		
	Cross Road		4	35.00	0.75		105.00		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Pappaya Badavane								
	Agrahara Layout Main Road		2	200.00	0.75		300.00		
	1st Cross Road		2	52.00	0.75		78.00		
			2	35.00	0.75		52.50		
	2nd Cross Road		2	53.20	0.75		79.80		
			2	35.00	0.75		52.50		
	3rd Cross Road		2	55.00	0.75		82.50		
	4th Cross Road		2	58.00	0.75		87.00		
	5th Cross Road		2	55.80	0.75		83.70		
	6th Cross Road		2	85.80	0.75		128.70		
	Shankarappa Badavane		1	198.00	0.75		148.50		
			1	154.00	0.75		115.50		
	Badrana Badavane		2	197.00	0.75		295.50		
							6344.11		
				Missing Bits 40%			**-2537.64**		
					Sub Total of A		**3806.47**		
B	**Drain Top BS Slab**								
	Judicial layout								
	6th Main Road		2	110.00	1.00		220.00		
							220.00		
				Missing Bits 40%			**-88.00**		
					Sub Total of B		**132.00**		
C	**Culvert Top Slab**								
	For Sapthagiri Layout		4	5.50	1.20		26.40		
	Badranna & Shankarana Badavane Shivanahalli		4	5.50	1.20		26.40		
							52.80		
				Missing Bits 20%			**-10.56**		
					Sub Total of C		**42.24**		
					Net Qty		**3980.71**	**235.00**	**935466.00**
39	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately)M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates								
	(Page No. 17, SI.No.2.4.2 of KPWD S.R 2021-22.Volume-1).								
		Cum							
	Basic rate	***6256.00***							

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For Form Work	***312.80***							
	Sub Total	***6568.80***							
	Area Wieght age @ 10%	***656.88***							
	Total Rate in Rs	***7225.68***							
	For New Drain								
	Surabhi Layout								
	For Raft								
	Surabhi Layout 2nd Main Road		2	85.00	0.75	0.15	19.13		
	For lake View Layout								
	cross Road 1		1	18.00	0.90	0.15	2.43		
	Cross Road 3		1	36.00	0.90	0.15	4.86		
	For Side Wall								
	Surabhi Layout 2nd Main Road		4	85.00	0.15	0.70	35.70		
	For lake View Layout								
	cross Road 1		2	18.00	0.15	0.65	3.51		
	Cross Road 3		2	36.00	0.15	0.65	7.02		
	For Drain Raising								
	For Sapthagiri Layout								
	For Sapthagiri Layout Main Road	2.00	2	196.10	0.15	0.25	29.42		
	5th Cross Road	2.00	2	43.00	0.15	0.25	6.45		
	2nd Streach	2.00	2	70.00	0.15	0.25	10.50		
	4th Cross Road	2.00	2	41.30	0.15	0.25	6.20		
	2nd Streach	2.00	2	72.00	0.15	0.25	10.80		
	1st Cross Road	2.00	1	26.80	0.15	0.25	2.01		
	2nd Streach	2.00	2	50.00	0.15	0.25	7.50		
	For New Drain								
	For Raft								
	For Sapthagiri Layout								
	1st Main Connecting Road		1	99.00	0.90	0.15	13.37		
	1st Main Road		1	42.50	0.75	0.15	4.78		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For Side Wall								
	1st Main Connecting Road		2	99.00	0.15	0.65	19.31		
	1st Main Road		2	42.50	0.15	0.65	8.29		
	For Raft								
	Vikas Layout Near BWSSB Office		2	98.00	0.90	0.15	26.46		
	For Side Wall								
	Vikas Layout Near BWSSB Office		4	98.00	0.15	0.65	38.22		
	For Drain Raising								
	Shankarappa Badavane		2	198.00	0.15	0.40	23.76		
			2	154.00	0.15	0.40	18.48		
	Badrana Badavane		4	197.00	0.15	0.30	35.46		
	For New Drain								
	For Raft								
	Nehru Nagar Beside Post Office		1	82.80	0.75	0.15	9.32		
	For Shivanahalli		1	100.00	0.75	0.15	11.25		
	For Side Wall								
	Nehru Nagar Beside Post Office		2	82.80	0.15	0.65	16.15		
	For Shivanahalli		2	100.00	0.15	0.65	19.50		
	APTS								
	KSISF Surrounding Area		1	145.00	0.90	0.15	19.58		
	Dormetary & Mess Road		1	115.00	0.90	0.15	15.53		
	Cross Road		1	19.00	0.60	0.15	1.71		
	Opp Mess		1	31.00	0.60	0.15	2.79		
	Opp SP Quarters		1	43.00	0.90	0.15	5.81		
	For Side Walls								
	APTS								
	KSISF Surrounding Area		2	145.00	0.15	0.75	32.63		
	Dormetary & Mess Road		2	115.00	0.15	0.75	25.88		
	Cross Road		2	19.00	0.15	0.75	4.28		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Opp Mess		2	31.00	0.15	0.75	6.98		
	Opp SP Quarters		2	43.00	0.15	0.75	9.68		
	For Cobbol Footpath								
	APTS								
	For Shoulder Raft		10	1.60	0.60	0.15	1.44		
	Dormetary & Mess Road		8	5.50	0.60	0.15	3.96		
	For Shoulder Side Walls	2.00	10	1.60	0.15	0.40	1.92		
	Dormetary & Mess Road	2.00	8	5.50	0.15	0.40	2.64		
	Judicial layout								
	7th Main Road		1	260.00	0.90	0.15	35.10		
			1	254.00	0.90	0.15	34.29		
	6th Main Road		2	102.70	0.90	0.15	27.73		
	Cross Road		2	64.10	0.90	0.15	17.31		
	For Side Wall								
	Judicial layout								
	7th Main Road		2	260.00	0.15	0.65	50.70		
			2	254.00	0.15	0.65	49.53		
	6th Main Road		4	102.70	0.15	0.65	40.05		
	Cross Road		4	64.10	0.15	0.65	25.00		
	For Cobbol Footpath								
	For Shoulder Raft		34	2.00	0.60	0.10	4.08		
	For Shoulder Side Walls	2.00	34	2.00	0.10	0.40	5.44		
					Sub Total of A		**813.86**		
B	**For Culvert**								
	Surabhi Layout								
	For Culvert 6.0 Mtr Length								
	For Raft		4	6.00	1.80	0.25	10.80		
					Avg				
	For Side Walls	2.00	4	6.00	(0.25+0.30)/2	0.90	11.88		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For lake View Layout								
	For Raft		5	6.00	1.50	0.25	11.25		
					Avg				
	For Side Walls	2.00	5	6.00	(0.25+0.30)/2	0.75	12.38		
	For Sapthagiri Layout								
	For Culvert 5.5Mtr Length								
	For Raft		4	5.50	1.20	0.25	6.60		
					Avg				
	For Side Walls	2.00	4	5.50	(0.25+0.30)/2	0.65	7.87		
	For Culvert 12.00 Mtr Length								
	For Raft		2	12.00	1.50	0.25	9.00		
					Avg				
	For Side Walls	2.00	2	12.00	(0.25+0.30)/2	0.70	9.24		
	For Maruthi Nagara								
	For Culvert 3.80Mtr Length								
	For Raft		1	3.80	1.50	0.25	1.43		
					Avg				
	For Side Walls	2.00	1	3.80	(0.25+0.30)/2	0.65	1.36		
	For Culvert 8.00 Mtr Length								
	For Raft		1	8.00	1.80	0.25	3.60		
					Avg				
	For Side Walls	2.00	1	8.00	(0.25+0.30)/2	0.65	2.86		
	For Culvert 6.00 Mtr Length								
	For Raft		11	6.00	1.80	0.25	29.70		
					Avg				
	For Side Walls	2.00	11	6.00	(0.25+0.30)/2	0.65	23.60		
	For Culvert 5.5Mtr Length								
	For Raft		5	5.50	1.50	0.25	10.31		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
					Avg				
	For Side Walls	2.00	5	5.50	(0.25+0.30)/2	0.90	13.61		
	APTS								
	For Culvert 10.20Mtr Length								
	For Raft		1	10.20	1.80	0.25	4.59		
					Avg				
	For Side Walls	2.00	1	10.20	(0.25+0.30)/2	0.90	5.05		
	For Culvert 15.00 Mtr Length								
	For Raft		2	15.00	1.80	0.25	13.50		
					Avg				
	For Side Walls	2.00	2	15.00	(0.25+0.30)/2	1.00	16.50		
	For Culvert 8.00 Mtr Length								
	For Raft		2	8.00	1.80	0.25	7.20		
					Avg				
	For Side Walls	2.00	2	8.00	(0.25+0.30)/2	1.00	8.80		
					Sub Total of B		**221.11**		
					Net Qty		**1034.98**	**7225.68**	**7478400.00**
40	Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work								
	Approved Rate on 18-06-2022								
		Sqm							
	Aapproved rate	***2072.00***							
	Surabhi Layout								
			For Missing Slabs, Ref Item No.				2537.64		
	For New Drain								
	Surabhi Layout								
	Surabhi Layout 2nd Main Road		2	85.00	0.90		153.00		
	For lake View Layout								
	cross Road 1		1	18.00	0.90		16.20		
	Cross Road 3		1	36.00	0.90		32.40		
	For Ward Limits		1	57.00	0.90		51.30		
	For New Drain								

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For Sapthagiri Layout								
	1st Main Connecting Road		1	99.00	0.90		89.10		
	1st Main Road		1	42.50	0.75		31.88		
	For New Drain								
	Vikas Layout Near BWSSB Office		2	98.00	0.90		176.40		
	For Damaged Slabs		1	16.00	0.90		14.40		
	Nehru Nagar Beside Post Office		1	82.80	0.75		62.10		
	For Shivanahalli		1	100.00	0.75		75.00		
	APTS								
	KSISF Surrounding Area		1	145.00	0.90		130.50		
	Dormetary & Mess Road		1	115.00	0.90		103.50		
	Cross Road		1	19.00	0.60		11.40		
	Opp Mess		1	31.00	0.60		18.60		
	Opp SP Quarters		1	43.00	0.90		38.70		
	For Cobbol Footpath								
	APTS								
	For Shoulder Raft		10	1.60	0.60		9.60		
	Dormetary & Mess Road		8	5.50	0.60		26.40		
	Rain Water Harvesting Pit		8	0.785			6.28		
	Judicial layout								
	7th Main Road		34	2.00	0.60		40.80		
							3625.20	**2072.00**	**7511412.00**
41	Providing B S slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. as directed by the Engineer in Charge of the work (excluding GST and Area Leading Charges)								
	Approved Rate on 18-06-2022								
		Sqm							
	Aapproved rate	***837.00***							
		For Missing Slabs, Ref Item No.				1	88.00		
	For Judicial Layout								
	7th Main Road		1	260.00	0.90		234.00		
			1	254.00	0.90		228.60		
	6th Main Road		2	102.70	0.90		184.86		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Cross Road		2	64.10	0.90		115.38		
							850.84	**837.00**	**712153.00**
42	Providing one line dressing to granite stone slab / granite stone masonry as per specifications as directed by the Engineer in Charge of the work (excluding GST and Area Leading Charges)								
	Approved Rate on 18-06-2022								
		Sqm							
	Aapproved rate	***242.00***							
	For Judicial Layout								
	7th Main Road		1	260.00	0.90		234.00		
			1	254.00	0.90		228.60		
	6th Main Road		2	212.70	0.90		382.86		
	Cross Road		2	64.10	0.90		115.38		
							960.84	**242.00**	**232523.00**
43	Providing Machine Cutting edges to B S slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded) inclusive of all Taxes complete. as directed by the Engineer in Charge of the work (excluding Area Leading Charges)								
	Approved Rate on 18-06-2022								
		Rmt							
	Aapproved rate	***390.00***							
	For Judicial Layout								
	7th Main Road		1	433.00	3.00		1299.00		
			1	423.00	3.00		1269.00		
	6th Main Road		2	171.00	3.00		1026.00		
	Cross Road		2	106.00	3.00		636.00		
							4230.00	**390.00**	**1649700.00**
44	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Data Rate								
		Sqm							
	Approved rate	***5037.00***							
			For Missing Slabs, Ref Item No. 3				10.56		
	Surabhi Layout								
			4	6.00	1.80		43.20		
	Lake View layout		5	6.00	1.50		45.00		
	For Sapthagiri Layout								
	For Culvert								
			4	5.50	1.20		26.40		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
			2	12.00	1.50		36.00		
	For Culvert Casting								
	For Sapthagiri Layout		3	6.00	1.20		21.60		
	For Maruthi Nagara		8	6.00	1.80		86.40		
			1	3.80	1.50		5.70		
			1	8.00	1.80		14.40		
			11	6.00	1.80		118.80		
	Badranna & Shankarana Badavane Shivanahalli		5	5.50	1.50		41.25		
	APTS		1	10.20	1.80		18.36		
			2	15.00	1.80		54.00		
			2	8.00	1.80		28.80		
	Judicial layout		7	6.20	1.80		78.12		
							628.59	**5037.00**	**3166208.00**
45	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work (excluding GST and Area Leading Charges)								
	Approved Rate on 18-06-2022								
		Nos							
	Approved rate	***507.00***							
		Missing & Broken Kerb Qty Vide Item No 1					360.00		
	For lake View Layout								
	cross Road 1		1	18.00			18.00		
	Cross Road 3		1	36.00			36.00		
	For New Drain								
	For Sapthagiri Layout								
	1st Main Connecting Road		1	32.00			32.00		
	For Sapthagiri Layout Main Road		2	100.00			200.00		
	5th Cross Road		2	43.00			86.00		
	2nd Streach		2	32.00			64.00		
	4th Cross Road		2	41.30			82.60		
	2nd Streach		2	30.00			60.00		
	1st Cross Road		1	26.80			26.80		
	2nd Streach		2	40.00			80.00		
	Vikas Layout Near BWSSB Office		2	98.00			196.00		
	APTS								
	KSISF Surrounding Area		1	145.00			145.00		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Dormetary & Mess Road		1	115.00			115.00		
	Cross Road		1	60.00			60.00		
	Opp Mess		1	31.00			31.00		
	Opp SP Quarters		1	43.00			43.00		
	For Cobbol Area								
	APTS								
	For KSISF Opposite		1	33.00			33.00		
			2	9.30			18.60		
			2	22.00			44.00		
			2	19.30			38.60		
	For Extra Areas		2	291.00			582.00		
	Judicial layout								
	7th Main Road		1	260.00			260.00		
			1	254.00			254.00		
	6th Main Road		2	102.70			205.40		
	Cross Road		2	64.10			128.20		
							3199.20		
				Say 3199.20/0.45			**7109.33**		
					Consider		**7100.00**	**507.00**	**3599700.00**
46	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces								
	S.R.page 56 SL NO 8.10 of KPWD S.R 2021-22).Volume 3								
		Sqm							
	Basic rate	***85.00***							
	Area Wieght age @ 10%	***8.50***							
	Total Rate in Rs	***93.50***							
	For lake View Layout								
	cross Road 1		1	18.00		0.35	6.30		
	Cross Road 3		1	36.00		0.35	12.60		
	For Sapthagiri Layout								
	1st Main Connecting Road		1	32.00		0.35	11.20		
	For Sapthagiri Layout Main Road		2	100.00		0.35	70.00		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	5th Cross Road		2	43.00		0.35	30.10		
	2nd Streach		2	32.00		0.35	22.40		
	4th Cross Road		2	41.30		0.35	28.91		
	2nd Streach		2	30.00		0.35	21.00		
	1st Cross Road		1	26.80		0.35	9.38		
	2nd Streach		2	40.00		0.35	28.00		
	Vikas Layout Near BWSSB Office		2	98.00		0.35	68.60		
	APTS								
	Main Road		2	600.00		0.35	420.00		
	KSISF Surrounding Area		1	145.00		0.35	50.75		
	Dormetary & Mess Road		1	115.00		0.35	40.25		
	Cross Road		1	60.00		0.35	21.00		
	Opp Mess		1	31.00		0.35	10.85		
	Opp SP Quarters		1	43.00		0.35	15.05		
	For Cobbol Area								
	APTS								
	For KSISF Opposite		1	33.00		0.35	11.55		
			2	9.30		0.35	6.51		
			2	22.00		0.35	15.40		
			2	19.30		0.35	13.51		
	For Extra Areas		2	291.00		0.35	203.70		
	Judicial layout								
	7th Main Road		1	260.00		0.35	91.00		
			1	254.00		0.35	88.90		
	6th Main Road		2	212.70		0.35	148.89		
	Cross Road		2	64.10		0.35	44.87		
							1490.72	**93.50**	**139382.00**

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
47	Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and Usage charges of machinery complete as perspecifications.								
	S.R.page 64 SL NO 9.32 of KPWD S.R 2021-22).Volume 2								
		Sqm							
	Basic rate	***1145.00***							
	Area Wieght age @ 10%	***114.50***							
	Total Rate in Rs	***1259.50***							
	APTS								
	For Parking Area		1	33.00	9.30		306.90		
			1	22.00	19.30		424.60		
	For Cobbol Footpath								
	APTS								
	KSISF Surrounding Area		1	145.00	1.20		174.00		
	Deductions :								
	For Shoulder		-10	1.60	0.60		-9.60		
	Judicial layout								
	7th Main Road		1	260.00	1.40		364.00		
			1	254.00	1.40		355.60		
	Deductions :								
	For Shoulder		-34	2.00	0.60		-40.80		
	For Tree Pits		-40	0.80	0.80		-25.60		
							1549.10	**1259.50**	**1951091.00**
48	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.								
	(Page No. 151, Sl.No.17.1 of KPWD S.R 2021-22.Volume-2).								
		Cum							
	Basic rate	***960.00***							
	Area Wieght age @ 10%	***96.00***							
	Total Rate in Rs	***1056.00***							
	APTS								
			D= 1.50	HD^2/4					
	Rain Water Harvesting Pit		8	1.76		0.50	7.04		
	Rings		-8	0.785		0.50	-3.14		
							3.90	**1056.00**	**4118.00**

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
49	Supplying, filling, spreading &leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.								
	(Page No. 151, SI.No.17.2 of KPWD S.R 2021-22.Volume-2).								
		Cum							
	Basic rate	***372.00***							
	Area Wieght age @ 10%	***37.20***							
	Total Rate in Rs	***409.20***							
	APTS								
			D= 1.50	HD^2/4					
	Rain Water Harvesting Pit		8	1.76		0.30	4.22		
	Rings		-8	0.785		0.30	-1.88		
							2.34	**409.20**	**958.00**
50	Supplying, filling, spreading &leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads & lifts, all complete as per direction of Engineer -in-charge.								
	(Page No. 151, SI.No.17.3 of KPWD S.R 2021-22.Volume-2).								
		Cum							
	Basic rate	***397.00***							
	Area Wieght age @ 10%	***39.70***							
	Total Rate in Rs	***436.70***							
			D= 1.50	HD^2/4					
	Rain Water Harvesting Pit		8	1.76		0.30	4.22		
	Rings		-8	0.785		0.30	-1.88		
							2.34	**436.70**	**1022.00**
51	Gravel packing in tube well construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.								
	(Page No. 151, SI.No.17.4 of KPWD S.R 2021-22.Volume-2).								
		Cum							
	Basic rate	***400.00***							
	Area Wieght age @ 10%	***40.00***							
	Total Rate in Rs	***440.00***							
	APTS								
			D= 1.50	HD^2/4					
	Rain Water Harvesting Pit		8	1.76		0.30	4.22		
	Rings		-8	0.785		0.30	-1.88		
							2.34	**440.00**	**1030.00**
52	Providing and fixing factory made precast RCC perforated drain covers, having concrete of strength not less than M-25, of size 1000 x 450x50 mm, reinforced with 8 mm dia four nos longitudinal & 9 nos cross sectional T.M.T. hoop bars, including providing 50 mm dia perforations @ 100 to 125 mm c/c, including providing edge binding with M.S. flats of size 50 mm x 1.6 mm complete, all as per direction of Engineer-in-charge.								
	(Page No. 151, SI.No.17.5 of KPWD S.R 2021-22.Volume-2).								
		Each							
	Basic rate	***1189.00***							
	Area Wieght age @ 10%	***118.90***							

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Total Rate in Rs	***1307.90***							
			D= 1.50	HD^2/4					
	Rain Water Harvesting Pit	6	8				48.00		
							48.00	**1307.90**	**62779.00**
	ROAD WORKS								
53	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material by Mechanical Means using Hydraulic excavator with in all lifts and lead								
	(Page No. 15, SI.No.3.5 of KPWD S.R 2021-22.Volume-3).								
		Sqm							
	Basic rate	***4.00***							
	Area Wieght age @ 10%	***0.40***							
	Total Rate in Rs	***4.40***							
	Sapthagiri Layout								
	3rd Cross Road		1	75.00	4.00		300.00		
	1st Cross Road		1	26.80	3.80		101.84		
			1	50.00	3.95		197.50		
	Maruthi Nagara								
	20th Cross Road		1	70.00	4.50		315.00		
	15th Cross Road		1	82.00	4.50		369.00		
	3rd Main Road Dead End Road		1	128.00	4.30		550.40		
	6th Cross Road		1	220.00	4.50		990.00		
	5th Cross Road		1	25.00	4.50		112.50		
			1	27.00	4.50		121.50		
			1	28.00	4.50		126.00		
	1st Cross Road		1	60.00	4.50		270.00		
	2nd Cross Road		1	65.00	4.50		292.50		
	6th A Cross Road		1	23.00	5.00		115.00		
	1st Main Road 13th Cross Road		1	58.00	5.20		301.60		
	1st Main Road 14th Cross Road		1	77.00	5.80		446.60		
	Anjanappa Layout		1	71.00	6.40		454.40		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Deductions:			D=0.90	HD^2/4				
	For Manhole		-35	0.63			-22.05		
					Total Qty		**5041.79**	**4.40**	**22184.00**
54	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.In all kinds of soils upto 300 mm depth								
	S.R.page 8, SL NO 1.12 of KPWD S.R 2021-22).Volume 1								
		Cum							
	Basic rate	***65.00***							
	Area Wieght age @ 10%	***6.50***							
	Total Rate in Rs	***71.50***							
	For Asphalt Road								
	For Damaged Reaches								
	Surabhi Layout								
	Surabhi Layout 2nd Main Road		1	4.00	2.00	0.25	2.00		
			1	3.50	2.30	0.25	2.01		
			1	5.00	4.00	0.25	5.00		
			1	3.50	2.30	0.25	2.01		
			1	5.00	4.00	0.25	5.00		
	Surabhi Layout 1st Cross Road		1	5.00	4.00	0.25	5.00		
			1	3.50	2.30	0.25	2.01		
			1	3.50	2.30	0.25	2.01		
			1	5.00	4.00	0.25	5.00		
	For lake View Layout								
	Cross Road 1		1	18.00	5.00	0.15	13.50		
	Cross Road 2		1	112.00	5.00	0.15	84.00		
	Cross Road 3		1	36.00	5.00	0.15	27.00		
	Cross Road 4		1	40.00	5.20	0.15	31.20		
	Villa Road		1	264.20	5.00	0.30	396.30		
	For Damaged Reaches								
	For Sapthagiri Layout								

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For Sapthagiri Layout Main Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	15.00	5.50	0.25	20.63		
			1	3.50	2.30	0.25	2.01		
			1	6.00	4.50	0.25	6.75		
	1st Main Connecting Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	5.00	5.00	0.25	6.25		
			1	3.50	2.30	0.25	2.01		
	2nd Cross Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	3.00	2.00	0.25	1.50		
	3rd Cross Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
	4th Cross Road		1	4.00	2.00	0.25	2.00		
			1	3.50	2.30	0.25	2.01		
	5th Cross Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	6.00	5.50	0.25	8.25		
	For Cross Cuttings								
	For Sapthagiri Layout								
	For Sapthagiri Layout Main Road		5	6.60	0.80	0.25	6.60		
	2nd Cross Road		4	3.50	0.80	0.25	2.80		
	3rd Cross Road		2	4.20	0.80	0.25	1.68		
	4th Cross Road		3	4.00	0.80	0.25	2.40		
	5th Cross Road		3	4.50	0.80	0.25	2.70		
	Sapthagiri Layout								
	3rd Cross Road		1	75.00	4.00	0.25	75.00		
	1st Cross Road		1	26.80	3.80	0.25	25.46		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
			1	50.00	3.95	0.25	49.38		
	For New Road								
	Vikas Layout Near BWSSB Office		1	98.00	6.00	0.25	147.00		
	For CC Road								
	For Maruthi Nagara								
	1st Main 4th Cross		1	32.00	4.50	0.25	36.00		
	3rd Main Road Cross Road		1	20.00	3.00	0.25	15.00		
	Maruthi Nagara								
	20th Cross Road		1	70.00	4.50	0.25	78.75		
	15th Cross Road		1	82.00	4.50	0.25	92.25		
	3rd Main Road Dead End Road		1	128.00	4.30	0.25	137.60		
	6th Cross Road		1	220.00	4.50	0.25	247.50		
	5th Cross Road		1	25.00	4.50	0.25	28.13		
			1	27.00	4.50	0.25	30.38		
			1	28.00	4.50	0.25	31.50		
	1st Cross Road		1	60.00	4.50	0.25	67.50		
	2nd Cross Road		1	65.00	4.50	0.25	73.13		
	6th A Cross Road		1	23.00	5.00	0.25	28.75		
	1st Main Road 13th Cross Road		1	58.00	5.20	0.25	75.40		
	1st Main Road 14th Cross Road		1	77.00	5.80	0.25	111.65		
	Anjanappa Layout		1	71.00	6.40	0.25	113.60		
	Deductions:			D=0.90	HD^2/4				
	For Manhole		-35	0.63		0.25	-5.51		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For Damaged Reaches								
	Pappaya Badavane 6th Cross Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	3.50	2.30	0.25	2.01		
			1	6.00	4.50	0.25	6.75		
	1st Main Road Shivanahalli		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	5.00	5.00	0.25	6.25		
			1	3.50	2.30	0.25	2.01		
	Nehru Road Post Office Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	3.50	2.30	0.25	2.01		
	Shankarappa Badavane		1	5.00	4.00	0.25	5.00		
			1	6.00	3.50	0.25	5.25		
			1	4.00	3.00	0.25	3.00		
			1	4.50	3.50	0.25	3.94		
	Badranna badavane		1	4.00	3.00	0.25	3.00		
			1	5.00	3.00	0.25	3.75		
			1	4.00	3.00	0.25	3.00		
			1	3.00	2.00	0.25	1.50		
	For Cross Cuttings								
	Pappaya Badavane 6th Cross Road		3	4.80	0.80	0.25	2.88		
	1st Main Road Shivanahalli		3	4.60	0.80	0.25	2.76		
	Nehru Road Post Office Road		4	7.00	0.80	0.25	5.60		
	APTS								
	KSISF Surrounding Area		1	145.00	8.90	0.15	193.58		
	Parking Area		1	20.00	7.00	0.15	21.00		
			1	33.00	4.00	0.15	19.80		
			1	33.00	9.30	0.15	46.04		
			1	22.00	19.30	0.15	63.69		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Dormetary & Mess Road		1	115.00	10.10	0.15	174.23		
	Building Parallel Road		1	60.00	4.00	0.15	36.00		
	Opp Mess		1	31.00	5.50	0.15	25.58		
	Opp SP Quarters		1	43.00	0.90	0.15	5.81		
			1	16.00	2.30	0.15	5.52		
	Opp Parking Area Shed		1	68.10	14.00	0.15	143.01		
	Judicial layout								
	7th Main Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	15.00	5.50	0.25	20.63		
			1	3.50	2.30	0.25	2.01		
			1	6.00	4.50	0.25	6.75		
	6th Main Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	5.00	5.00	0.25	6.25		
			1	3.50	2.30	0.25	2.01		
	5th Main Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	3.50	2.30	0.25	2.01		
	4th Main Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	15.00	5.50	0.25	20.63		
			1	3.50	2.30	0.25	2.01		
			1	6.00	4.50	0.25	6.75		
			1	6.00	5.50	0.25	8.25		
	3rd Main Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	3.50	2.30	0.25	2.01		
	2nd Main Road		1	4.00	2.00	0.25	2.00		
			1	3.50	2.30	0.25	2.01		

Scanned with CamScanner

Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
			1	5.00	4.00	0.25	5.00		
			1	4.50	2.00	0.25	2.25		
	For Cross Cuttings								
	Judicial layout								
	7th Main Road		8	9.00	0.80	0.25	14.40		
	6th Main Road		4	5.00	0.80	0.25	4.00		
	5th Main Road		3	5.00	0.80	0.25	3.00		
	4th Main Road		5	5.00	0.80	0.25	5.00		
	3rd Main Road		4	5.00	0.80	0.25	4.00		
	2nd Main Road		3	5.00	0.80	0.25	3.00		
					Total Qty		**3088.07**	**71.50**	**220797.00**
55	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 For Grading -IV Material								
	S.R.page 19, SL NO 4.1 of KPWD S.R 2021-22).Volume 3								
		Cum							
	Basic rate	***2384.00***							
	Area Wieght age @ 10%	***238.40***							
	Total Rate in Rs	***2622.40***							
	For lake View Layout								
	Cross Road 1		1	18.00	5.00	0.15	13.50		
	Cross Road 2		1	112.00	5.00	0.15	84.00		
	Cross Road 3		1	36.00	5.00	0.15	27.00		
	Cross Road 4		1	40.00	5.20	0.15	31.20		
	Villa Road		1	264.20	5.00	0.15	198.15		
	For New Road								
	Vikas Layout Near BWSSB Office		1	98.00	6.00	0.15	88.20		
	Maruthi Nagara								
	20th Cross Road		1	70.00	4.50	0.15	47.25		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	15th Cross Road		1	82.00	4.50	0.15	55.35		
	3rd Main Road Dead End Road		1	128.00	4.30	0.15	82.56		
	6th Cross Road		1	220.00	4.50	0.15	148.50		
	5th Cross Road		1	25.00	4.50	0.15	16.88		
			1	27.00	4.50	0.15	18.23		
			1	28.00	4.50	0.15	18.90		
	1st Cross Road		1	60.00	4.50	0.15	40.50		
	2nd Cross Road		1	65.00	4.50	0.15	43.88		
	6th A Cross Road		1	23.00	5.00	0.15	17.25		
	1st Main Road 13th Cross Road		1	58.00	5.20	0.15	45.24		
	1st Main Road 14th Cross Road		1	77.00	5.80	0.15	66.99		
	Anjanappa Layout		1	71.00	6.40	0.15	68.16		
	Deductions:			D=0.90	HD^2/4				
	For Manhole		-35	0.63		0.15	-3.31		
	APTS								
	KSISF Surrounding Area		1	145.00	8.90	0.15	193.58		
	Parking Area		1	20.00	7.00	0.15	21.00		
			1	33.00	4.00	0.15	19.80		
	For Cobble Area		1	33.00	9.30	0.15	46.04		
			1	22.00	19.30	0.15	63.69		
	Dormetary & Mess Road		1	115.00	10.10	0.15	174.23		
	Building Parallel Road		1	60.00	4.00	0.15	36.00		
	Opp Mess		1	31.00	5.50	0.15	25.58		
	Opp SP Quarters		1	43.00	0.90	0.15	5.81		
			1	16.00	2.30	0.15	5.52		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Opp Parking Area Shed		1	68.10	14.00	0.15	143.01		
	For Cobbol Footpath								
	APTS								
	KSISF Surrounding Area		1	145.00	1.20	0.15	26.10		
	Deductions :								
	For Shoulder		-10	1.60	0.60	0.15	-1.44		
					Total Qty		**1867.31**	**2622.40**	**4896840.00**
56	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:5:10 Using 40 mm nominal size graded crushed coarse aggregates(V-I,I No-2.11, P.No-15of KPWD SR 2021-22)								
	(Page No. 15, Sl.No.2.1.1 of KPWD S.R 2018-19.Volume-1).								
		Cum							
	Basic rate	***4976.00***							
	Area Wieght age @ 10%	***497.60***							
	Total Rate in Rs	**5473.60**							
	For CC Road								
	For lake View Layout								
	Cross Road 1		1	18.00	5.00	0.15	13.50		
	Cross Road 2		1	112.00	5.00	0.15	84.00		
	Cross Road 3		1	36.00	5.00	0.15	27.00		
	Cross Road 4		1	40.00	5.20	0.15	31.20		
	For Maruthi Nagara								
	1st Main 4th Cross		1	32.00	4.50	0.15	21.60		
	3rd Main Road Cross Road		1	20.00	3.00	0.15	9.00		
	Maruthi Nagara								
	20th Cross Road		1	70.00	4.50	0.15	47.25		
	15th Cross Road		1	82.00	4.50	0.15	55.35		
	3rd Main Dead End Road		1	128.00	4.30	0.15	82.56		
	6th Cross Road		1	220.00	4.50	0.15	148.50		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	5th Cross Road		1	25.00	4.50	0.15	16.88		
			1	27.00	4.50	0.15	18.23		
			1	28.00	4.50	0.15	18.90		
	1st Cross Road		1	60.00	4.50	0.15	40.50		
	2nd Cross Road		1	65.00	4.50	0.15	43.88		
	6th A Cross Road		1	23.00	5.00	0.15	17.25		
	1st Main Road 13th Cross Road		1	58.00	5.20	0.15	45.24		
	1st Main Road 14th Cross Road		1	77.00	5.80	0.15	66.99		
	Anjanappa Layout		1	71.00	6.40	0.15	68.16		
	Deductions:			D=0.90	HD^2/4				
	For Manhole		-35	0.63		0.15	-3.31		
	APTS								
	KSISF Surrounding Area		1	145.00	8.90	0.15	193.58		
	Parking Area		1	20.00	7.00	0.15	21.00		
			1	33.00	4.00	0.15	19.80		
	Dormetary & Mess Road		1	115.00	10.10	0.15	174.23		
	Building Parallel Road		1	60.00	4.00	0.15	36.00		
	Opp Mess		1	31.00	5.50	0.15	25.58		
	Opp SP Quarters		1	43.00	0.90	0.15	5.81		
			1	16.00	2.30	0.15	5.52		
	Opp Parking Area Shed		1	68.10	14.00	0.15	143.01		
							1477.18	**5473.60**	**8085479.00**

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
57	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14-days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work.								
	(S.R.page 138 SL NO 20.29(1501) of KPWD S.R 2021-22 .Volume 3)								
		Cum							
	Basic rate	***6837.00***							
	Area Wieght age @ 10%	***683.70***							
	Total Rate in Rs	***7520.70***							
	For CC Road								
	For lake View Layout								
	Cross Road 1		1	18.00	5.00	0.10	9.00		
	Cross Road 2		1	112.00	5.00	0.10	56.00		
	Cross Road 3		1	36.00	5.00	0.10	18.00		
	Cross Road 4		1	40.00	5.20	0.10	20.80		
	For Maruthi Nagara								
	1st Main 4th Cross		1	32.00	4.50	0.10	14.40		
	3rd Main Road Cross Road		1	20.00	3.00	0.10	6.00		
	Maruthi Nagara								
	20th Cross Road		1	70.00	4.50	0.10	31.50		
	15th Cross Road		1	82.00	4.50	0.10	36.90		
	3rd Main Road Dead End Road		1	128.00	4.30	0.10	55.04		
	6th Cross Road		1	220.00	4.50	0.10	99.00		
	5th Cross Road		1	25.00	4.50	0.10	11.25		
			1	27.00	4.50	0.10	12.15		
			1	28.00	4.50	0.10	12.60		
	1st Cross Road		1	60.00	4.50	0.10	27.00		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	2nd Cross Road		1	65.00	4.50	0.10	29.25		
	6th A Cross Road		1	23.00	5.00	0.10	11.50		
	1st Main Road 13th Cross Road		1	58.00	5.20	0.10	30.16		
	1st Main Road 14th Cross Road		1	77.00	5.80	0.10	44.66		
	Anjanappa Layout		1	71.00	6.40	0.10	45.44		
	Deductions:			D=0.90	HD^2/4				
	For Manhole		-35	0.63		0.10	-2.21		
	APTS								
	KSISF Surrounding Area		1	145.00	8.90	0.10	129.05		
	Parking Area		1	20.00	7.00	0.10	14.00		
			1	33.00	4.00	0.10	13.20		
	Dormetary & Mess Road		1	115.00	10.10	0.10	116.15		
	Building Parallel Road		1	60.00	4.00	0.10	24.00		
	Opp Mess		1	31.00	5.50	0.10	17.05		
	Opp SP Quarters		1	43.00	0.90	0.10	3.87		
			1	16.00	2.30	0.10	3.68		
	Opp Parking Area Shed		1	68.10	14.00	0.10	95.34		
							984.79	**7520.70**	**7406273.00**
58	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.								
	S.R.page 24, SL NO 4.27 of KPWD S.R 2021-22).Volume 3								
		Cum							
	Basic rate	***2394.00***							
	Area Wieght age @ 10%	***239.40***							
	Total Rate in Rs	***2633.40***							
	For Asphalt Road								
	For Damaged Reaches								
	Surabhi Layout								
	Surabhi Layout 2nd Main Road		1	4.00	2.00	0.25	2.00		
			1	3.50	2.30	0.25	2.01		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
			1	5.00	4.00	0.25	5.00		
			1	3.50	2.30	0.25	2.01		
			1	5.00	4.00	0.25	5.00		
	Surabhi Layout 1st Cross Road		1	5.00	4.00	0.25	5.00		
			1	3.50	2.30	0.25	2.01		
			1	3.50	2.30	0.25	2.01		
			1	5.00	4.00	0.25	5.00		
	For lake View Layout								
	Villa Road		1	264.20	5.00	0.25	330.25		
	Vikas Layout Near BWSSB Office		1	98.00	6.00	0.25	147.00		
	For Damaged Reaches								
	For Sapthagiri Layout								
	For Sapthagiri Layout Main Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	15.00	5.50	0.25	20.63		
			1	3.50	2.30	0.25	2.01		
			1	6.00	4.50	0.25	6.75		
	1st Main Connecting Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	5.00	5.00	0.25	6.25		
			1	3.50	2.30	0.25	2.01		
	2nd Cross Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	3.00	2.00	0.25	1.50		
	3rd Cross Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
	4th Cross Road		1	4.00	2.00	0.25	2.00		
			1	3.50	2.30	0.25	2.01		
	5th Cross Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	6.00	5.50	0.25	8.25		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For Cross Cuttings								
	For Sapthagiri Layout								
	For Sapthagiri Layout Main Road		5	6.60	0.80	0.25	6.60		
	2nd Cross Road		4	3.50	0.80	0.25	2.80		
	3rd Cross Road		2	4.20	0.80	0.25	1.68		
	4th Cross Road		3	4.00	0.80	0.25	2.40		
	5th Cross Road		3	4.50	0.80	0.25	2.70		
	Sapthagiri Layout								
	3rd Cross Road		1	75.00	4.00	0.25	75.00		
	1st Cross Road		1	26.80	3.80	0.25	25.46		
			1	50.00	3.95	0.25	49.38		
	For Damaged Reaches								
	Pappaya Badavane 6th Cross Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	3.50	2.30	0.25	2.01		
			1	6.00	4.50	0.25	6.75		
	1st Main Road Shivanahalli		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	5.00	5.00	0.25	6.25		
			1	3.50	2.30	0.25	2.01		
	Nehru Road Post Office Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	3.50	2.30	0.25	2.01		
	Shankarappa Badavane		1	5.00	4.00	0.25	5.00		
			1	6.00	3.50	0.25	5.25		
			1	4.00	3.00	0.25	3.00		
			1	4.50	3.50	0.25	3.94		
	Badranna badavane		1	4.00	3.00	0.25	3.00		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
			1	5.00	3.00	0.25	3.75		
			1	4.00	3.00	0.25	3.00		
			1	3.00	2.00	0.25	1.50		
	For Cross Cuttings								
	Pappaya Badavane 6th Cross Road		3	4.80	0.80	0.25	2.88		
	1st Main Road Shivanahalli		3	4.60	0.80	0.25	2.76		
	Nehru Road Post Office Road		4	7.00	0.80	0.25	5.60		
	Judicial layout								
	7th Main Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	15.00	5.50	0.25	20.63		
			1	3.50	2.30	0.25	2.01		
			1	6.00	4.50	0.25	6.75		
	6th Main Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	5.00	5.00	0.25	6.25		
			1	3.50	2.30	0.25	2.01		
	5th Main Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	3.50	2.30	0.25	2.01		
	4th Main Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	15.00	5.50	0.25	20.63		
			1	3.50	2.30	0.25	2.01		
			1	6.00	4.50	0.25	6.75		
			1	6.00	5.50	0.25	8.25		
	3rd Main Road		1	3.80	3.00	0.25	2.85		
			1	4.00	2.00	0.25	2.00		
			1	3.50	2.30	0.25	2.01		
	2nd Main Road		1	4.00	2.00	0.25	2.00		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
			1	3.50	2.30	0.25	2.01		
			1	5.00	4.00	0.25	5.00		
			1	4.50	2.00	0.25	2.25		
	For Cross Cuttings								
	Judicial layout								
	7th Main Road		8	9.00	0.80	0.25	14.40		
	6th Main Road		4	5.00	0.80	0.25	4.00		
	5th Main Road		3	5.00	0.80	0.25	3.00		
	4th Main Road		5	5.00	0.80	0.25	5.00		
	3rd Main Road		4	5.00	0.80	0.25	4.00		
	2nd Main Road		3	5.00	0.80	0.25	3.00		
					Total Qty		**970.47**	**2633.40**	**2555629.00**
59	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means.								
	S.R.page 29 SL NO 5.1 of KPWD S.R 2021-22).Volume 3								
		Sqm							
	Basic rate	***44.00***							
	Area Wieght age @ 10%	***4.40***							
	Total Rate in Rs	***48.40***							
	For Asphalt Road								
	For Damaged Reaches								
	Surabhi Layout								
	Surabhi Layout 2nd Main Road		1	4.00	2.00		8.00		
			1	3.50	2.30		8.05		
			1	5.00	4.00		20.00		
			1	3.50	2.30		8.05		
			1	5.00	4.00		20.00		
	Surabhi Layout 1st Cross Road		1	5.00	4.00		20.00		
			1	3.50	2.30		8.05		
			1	3.50	2.30		8.05		
			1	5.00	4.00		20.00		
	For lake View Layout								

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Villa Road		1	264.20	5.00		1321.00		
	For Damaged Reaches								
	For Sapthagiri Layout								
	For Sapthagiri Layout Main Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	15.00	5.50		82.50		
			1	3.50	2.30		8.05		
			1	6.00	4.50		27.00		
	1st Main Connecting Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	5.00	5.00		25.00		
			1	3.50	2.30		8.05		
	2nd Cross Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	3.00	2.00		6.00		
	3rd Cross Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
	4th Cross Road		1	4.00	2.00		8.00		
			1	3.50	2.30		8.05		
	5th Cross Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	6.00	5.50		33.00		
	For Cross Cuttings								
	For Sapthagiri Layout								
	For Sapthagiri Layout Main Road		5	6.60	0.80		26.40		
	2nd Cross Road		4	3.50	0.80		11.20		
	3rd Cross Road		2	4.20	0.80		6.72		
	4th Cross Road		3	4.00	0.80		9.60		
	5th Cross Road		3	4.50	0.80		10.80		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Sapthagiri Layout								
	3rd Cross Road		1	75.00	4.00		300.00		
	1st Cross Road		1	26.80	3.80		101.84		
			1	50.00	3.95		197.50		
	Vikas Layout Near BWSSB Office		1	98.00	6.00		588.00		
	For Damaged Reaches								
	Pappaya Badavane 6th Cross Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	3.50	2.30		8.05		
			1	6.00	4.50		27.00		
	1st Main Road Shivanahalli		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	5.00	5.00		25.00		
			1	3.50	2.30		8.05		
	Nehru Road Post Office Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	3.50	2.30		8.05		
	Shankarappa Badavane		1	5.00	4.00		20.00		
			1	6.00	3.50		21.00		
			1	4.00	3.00		12.00		
			1	4.50	3.50		15.75		
	Badranna badavane		1	4.00	3.00		12.00		
			1	5.00	3.00		15.00		
			1	4.00	3.00		12.00		
			1	3.00	2.00		6.00		
	For Cross Cuttings								
	Pappaya Badavane 6th Cross Road		3	4.80	0.80		11.52		
	1st Main Road Shivanahalli		3	4.60	0.80		11.04		
	Nehru Road Post Office Road		4	7.00	0.80		22.40		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Judicial layout								
	7th Main Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	15.00	5.50		82.50		
			1	3.50	2.30		8.05		
			1	6.00	4.50		27.00		
	6th Main Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	5.00	5.00		25.00		
			1	3.50	2.30		8.05		
	5th Main Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	3.50	2.30		8.05		
	4th Main Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	15.00	5.50		82.50		
			1	3.50	2.30		8.05		
			1	6.00	4.50		27.00		
			1	6.00	5.50		33.00		
	3rd Main Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	3.50	2.30		8.05		
	2nd Main Road		1	4.00	2.00		8.00		
			1	3.50	2.30		8.05		
			1	5.00	4.00		20.00		
			1	4.50	2.00		9.00		
	For Cross Cuttings								
	Judicial layout								
	7th Main Road		8	9.00	0.80		57.60		
	6th Main Road		4	5.00	0.80		16.00		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	5th Main Road		3	5.00	0.80		12.00		
	4th Main Road		5	5.00	0.80		20.00		
	3rd Main Road		4	5.00	0.80		16.00		
	2nd Main Road		3	5.00	0.80		12.00		
					Total Qty		**3881.87**	**48.40**	**187883.00**
60	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom								
	S.R.page 29 SL NO 5.3 of KPWD S.R 2021-22).Volume 3								
		Sqm							
	Basic rate	***12.00***							
	Area Wieght age @ 10%	***1.20***							
	Total Rate in Rs	***13.20***							
	For DBM Portion								
	Surabhi Layout								
	Surabhi Layout 2nd Main Road		1	175.00	6.50		1137.50		
	Surabhi Layout 1st Cross Road		1	120.00	6.50		780.00		
	For BC Portion								
	Surabhi Layout								
	Surabhi Layout 2nd Main Road		1	175.00	6.50		1137.50		
	Surabhi Layout 1st Cross Road		1	120.00	6.50		780.00		
	For lake View Layout								
	For DBM Portion								
	Villa Road		1	264.20	5.00		1321.00		
	For BC Portion								
	Villa Road		1	264.20	5.00		1321.00		
	For Damaged Reaches								
	For Sapthagiri Layout								
	For Sapthagiri Layout Main Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	15.00	5.50		82.50		
			1	3.50	2.30		8.05		
			1	6.00	4.50		27.00		

Scanned with CamScanner

Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	1st Main Connecting Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	5.00	5.00		25.00		
			1	3.50	2.30		8.05		
	2nd Cross Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	3.00	2.00		6.00		
	3rd Cross Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
	4th Cross Road		1	4.00	2.00		8.00		
			1	3.50	2.30		8.05		
	5th Cross Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	6.00	5.50		33.00		
	For Cross Cuttings								
	For Sapthagiri Layout								
	For Sapthagiri Layout Main Road		5	6.60	0.80		26.40		
	2nd Cross Road		4	3.50	0.80		11.20		
	3rd Cross Road		2	4.20	0.80		6.72		
	4th Cross Road		3	4.00	0.80		9.60		
	5th Cross Road		3	4.50	0.80		10.80		
	Sapthagiri Layout								
	3rd Cross Road		1	75.00	4.00		300.00		
	1st Cross Road		1	26.80	3.80		101.84		
			1	50.00	3.95		197.50		
	For BC Portion								
	For Sapthagiri Layout								
	For Sapthagiri Layout Main Road		1	207.70	6.70		1391.59		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	1st Main Connecting Road		1	99.70	9.50		947.15		
	1st Cross Road		1	26.80	3.80		101.84		
	2nd Streach		1	50.00	3.95		197.50		
	2nd Cross Road		1	33.50	3.80		127.30		
	2nd Streach		1	80.00	3.50		280.00		
	3rd Cross Road		1	75.00	4.00		300.00		
	4th Cross Road		1	41.30	3.30		136.29		
	5th Cross Road		1	45.50	4.60		209.30		
	2nd Streach		1	70.00	5.50		385.00		
	Vikas Layout Near BWSSB Office		1	98.00	6.00		588.00		
	For BC								
	Vikas Layout Near BWSSB Office		1	98.00	6.00		588.00		
	For Damaged Reaches								
	Shankarappa Badavane		1	5.00	4.00		20.00		
			1	6.00	3.50		21.00		
			1	4.00	3.00		12.00		
			1	4.50	3.50		15.75		
	Badranna badavane		1	4.00	3.00		12.00		
			1	5.00	3.00		15.00		
			1	4.00	3.00		12.00		
			1	3.00	2.00		6.00		
	For DBM								
	Pappaya Badavane 6th Cross Road		1	98.50	4.80		472.80		
	1st Main Road Shivanahalli		1	185.00	4.60		851.00		
	Nehru Road Post Office Road		1	120.00	6.80		816.00		
	For BC								

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Pappaya Badavane 6th Cross Road		1	98.50	4.80		472.80		
	1st Main Road Shivanahalli		1	185.00	4.60		851.00		
	Nehru Road Post Office Road		1	120.00	6.80		816.00		
	Judicial layout								
	7th Main Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	15.00	5.50		82.50		
			1	3.50	2.30		8.05		
			1	6.00	4.50		27.00		
	6th Main Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	5.00	5.00		25.00		
			1	3.50	2.30		8.05		
	5th Main Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	3.50	2.30		8.05		
	4th Main Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	15.00	5.50		82.50		
			1	3.50	2.30		8.05		
			1	6.00	4.50		27.00		
			1	6.00	5.50		33.00		
	3rd Main Road		1	3.80	3.00		11.40		
			1	4.00	2.00		8.00		
			1	3.50	2.30		8.05		
	2nd Main Road		1	4.00	2.00		8.00		
			1	3.50	2.30		8.05		
			1	5.00	4.00		20.00		
			1	4.50	2.00		9.00		
	For Cross Cuttings								

Scanned with CamScanner

Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Judicial layout								
	7th Main Road		8	9.00	0.80		57.60		
	6th Main Road		4	5.00	0.80		16.00		
	5th Main Road		3	5.00	0.80		12.00		
	4th Main Road		5	5.00	0.80		20.00		
	3rd Main Road		4	5.00	0.80		16.00		
	2nd Main Road		3	5.00	0.80		12.00		
	For BC Portion								
	Judicial layout								
	7th Main Road		1	260.80	9.00		2347.20		
	6th Main Road		1	212.70	5.00		1063.50		
	5th Main Road		1	211.90	5.00		1059.50		
	4th Main Road		1	210.30	5.00		1051.50		
	3rd Main Road		1	212.40	5.00		1062.00		
	2nd Main Road		1	210.50	5.00		1052.50		
	For Profile Correction 15%		1	1145.43			1145.43		
					Total Qty		**26463.56**	**13.20**	**349319.00**
61	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.Dense Graded Bituminous Macadam Grading - II for traffic <20 MSA								
	S.R.page 33 SL NO 5.12c of KPWD S.R 2021-22).Volume 3								
		Cum							
	Basic rate	***9889.00***							
	Area Wieght age @ 10%	***988.90***							
	Total Rate in Rs	***10877.90***							
	For DBM Portion								
	For Damaged Reaches								

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For New Road								
	Surabhi Layout								
	Surabhi Layout 2nd Main Road		1	175.00	6.50	0.05	56.88		
	Surabhi Layout 1st Cross Road		1	120.00	6.50	0.05	39.00		
	For lake View Layout								
	For DBM Portion								
	Villa Road		1	264.20	5.00	0.05	66.05		
	For Sapthagiri Layout								
	For Sapthagiri Layout Main Road		1	3.80	3.00	0.05	0.57		
			1	4.00	2.00	0.05	0.40		
			1	15.00	5.50	0.05	4.13		
			1	3.50	2.30	0.05	0.40		
			1	6.00	4.50	0.05	1.35		
	1st Main Connecting Road		1	3.80	3.00	0.05	0.57		
			1	4.00	2.00	0.05	0.40		
			1	5.00	5.00	0.05	1.25		
			1	3.50	2.30	0.05	0.40		
	2nd Cross Road		1	3.80	3.00	0.05	0.57		
			1	4.00	2.00	0.05	0.40		
			1	3.00	2.00	0.05	0.30		
	3rd Cross Road		1	3.80	3.00	0.05	0.57		
			1	4.00	2.00	0.05	0.40		
	4th Cross Road		1	4.00	2.00	0.05	0.40		
			1	3.50	2.30	0.05	0.40		
	5th Cross Road		1	3.80	3.00	0.05	0.57		
			1	4.00	2.00	0.05	0.40		
			1	6.00	5.50	0.05	1.65		
	For Cross Cuttings								
	For Sapthagiri Layout								
	For Sapthagiri Layout Main Road		5	6.60	0.80	0.05	1.32		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	2nd Cross Road		4	3.50	0.80	0.05	0.56		
	3rd Cross Road		2	4.20	0.80	0.05	0.34		
	4th Cross Road		3	4.00	0.80	0.05	0.48		
	5th Cross Road		3	4.50	0.80	0.05	0.54		
	Sapthagiri Layout								
	3rd Cross Road		1	75.00	4.00	0.05	15.00		
	1st Cross Road		1	26.80	3.80	0.05	5.09		
			1	50.00	3.95	0.05	9.88		
	Vikas Layout Near BWSSB Office		1	98.00	6.00	0.05	29.40		
	For Damaged Reaches								
	Shankarappa Badavane		1	5.00	4.00	0.05	1.00		
			1	6.00	3.50	0.05	1.05		
			1	4.00	3.00	0.05	0.60		
			1	4.50	3.50	0.05	0.79		
	Badranna badavane		1	4.00	3.00	0.05	0.60		
			1	5.00	3.00	0.05	0.75		
			1	4.00	3.00	0.05	0.60		
			1	3.00	2.00	0.05	0.30		
	For DBM								
	Pappaya Badavane 6th Cross Road		1	98.50	4.80	0.05	23.64		
	1st Main Road Shivanahalli		1	185.00	4.60	0.05	42.55		
	Nehru Road Post Office Road		1	120.00	6.80	0.05	40.80		
	Judicial layout								
	7th Main Road		1	3.80	3.00	0.05	0.57		
			1	4.00	2.00	0.05	0.40		
			1	15.00	5.50	0.05	4.13		
			1	3.50	2.30	0.05	0.40		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
			1	6.00	4.50	0.05	1.35		
	6th Main Road		1	3.80	3.00	0.05	0.57		
			1	4.00	2.00	0.05	0.40		
			1	5.00	5.00	0.05	1.25		
			1	3.50	2.30	0.05	0.40		
	5th Main Road		1	3.80	3.00	0.05	0.57		
			1	4.00	2.00	0.05	0.40		
			1	3.50	2.30	0.05	0.40		
	4th Main Road		1	3.80	3.00	0.05	0.57		
			1	4.00	2.00	0.05	0.40		
			1	15.00	5.50	0.05	4.13		
			1	3.50	2.30	0.05	0.40		
			1	6.00	4.50	0.05	1.35		
			1	6.00	5.50	0.05	1.65		
	3rd Main Road		1	3.80	3.00	0.05	0.57		
			1	4.00	2.00	0.05	0.40		
			1	3.50	2.30	0.05	0.40		
	2nd Main Road		1	4.00	2.00	0.05	0.40		
			1	3.50	2.30	0.05	0.40		
			1	5.00	4.00	0.05	1.00		
			1	4.50	2.00	0.05	0.45		
	For Cross Cuttings								
	Judicial layout								
	7th Main Road		8	9.00	0.80	0.05	2.88		
	6th Main Road		4	5.00	0.80	0.05	0.80		
	5th Main Road		3	5.00	0.80	0.05	0.60		
	4th Main Road		5	5.00	0.80	0.05	1.00		
	3rd Main Road		4	5.00	0.80	0.05	0.80		
	2nd Main Road		3	5.00	0.80	0.05	0.60		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For Profile Correction 15%		1	1145.43		0.05	57.27		
					Total Qty		439.25	10877.90	4778167.00
62	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects Bituminous Concrete Grading II for traffic <20 MSA								
	S.R.page 36 SL NO 5.16c of KPWD S.R 2021-22).Volume 3								
		Cum							
	Basic rate	***11531.00***							
	Area Wieght age @ 10%	***1153.10***							
	Total Rate in Rs	***12684.10***							
	For BC Portion								
	Surabhi Layout								
	Surabhi Layout 2nd Main Road		1	175.00	6.50	0.03	34.13		
	Surabhi Layout 1st Cross Road		1	120.00	6.50	0.03	23.40		
	For lake View Layout								
	Villa Road		1	264.20	5.00	0.03	39.63		
	For Sapthagiri Layout								
	For Sapthagiri Layout Main Road		1	207.70	6.70	0.04	55.66		
	1st Main Connecting Road		1	99.70	9.50	0.04	37.89		
	1st Cross Road		1	26.80	3.80	0.03	3.06		
	2nd Streach		1	50.00	3.95	0.03	5.93		
	2nd Cross Road		1	33.50	3.80	0.04	5.09		
	2nd Streach		1	80.00	3.50	0.04	11.20		
	3rd Cross Road		1	75.00	4.00	0.03	9.00		
	4th Cross Road		1	41.30	3.30	0.04	5.45		
	5th Cross Road		1	45.50	4.60	0.04	8.37		
	2nd Streach		1	70.00	5.50	0.04	15.40		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Vikas Layout Near BWSSB Office		1	98.00	6.00	0.03	17.64		
	Shankarappa Badavane		1	198.30	5.50	0.04	43.63		
	Badranna badavane		1	197.00	4.50	0.04	35.46		
	Pappaya Badavane 6th Cross Road		1	98.50	4.80	0.03	14.18		
	1st Main Road Shivanahalli		1	185.00	4.60	0.03	25.53		
	Nehru Road Post Office Road		1	120.00	6.80	0.03	24.48		
	Judicial layout								
	7th Main Road		1	260.80	9.00	0.04	93.89		
	6th Main Road		1	212.70	5.00	0.04	42.54		
	5th Main Road		1	211.90	5.00	0.04	42.38		
	4th Main Road		1	210.30	5.00	0.04	42.06		
	3rd Main Road		1	212.40	5.00	0.04	42.48		
	2nd Main Road		1	210.50	5.00	0.04	42.10		
					Total Qty		**720.57**	**12684.10**	**9139762.00**
63	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface								
	S.R.page 57 SL NO 8.15 of KPWD S.R 2021-22).Volume 3								
		Sqm							
	Basic rate	***478.00***							
	Area Wieght age @ 10%	***47.80***							
	Total Rate in Rs	***525.80***							
	For BC Portion								
	Surabhi Layout								
	Surabhi Layout 2nd Main Road		2.5	175.00	0.10		43.75		
	Surabhi Layout 1st Cross Road		2.5	120.00	0.10		30.00		
	For lake View Layout								
	Villa Road		2.0	264.20	0.10		52.84		

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For Sapthagiri Layout								
	For Sapthagiri Layout Main Road		2.5	207.70	0.10		51.93		
	1st Main Connecting Road		2.5	99.70	0.10		24.93		
	1st Cross Road		2	26.80	0.10		5.36		
	2nd Streach		2	50.00	0.10		10.00		
	2nd Cross Road		2	33.50	0.10		6.70		
	2nd Streach		2	80.00	0.10		16.00		
	3rd Cross Road		2	75.00	0.10		15.00		
	4th Cross Road		2	41.30	0.10		8.26		
	5th Cross Road		2	45.50	0.10		9.10		
	2nd Streach		2	70.00	0.10		14.00		
	Vikas Layout Near BWSSB Office		2.5	98.00	0.10		24.50		
	Shankarappa Badavane		2.5	198.30	0.10		49.58		
	Badranna badavane		2.5	197.00	0.10		49.25		
	Pappaya Badavane 6th Cross Road		2.5	98.50	0.10		24.63		
	1st Main Road Shivanahalli		2.5	185.00	0.10		46.25		
	Nehru Road Post Office Road		2.5	120.00	0.10		30.00		
	Judicial layout								
	7th Main Road		2.5	260.80	0.10		65.20		
	6th Main Road		2.5	212.70	0.10		53.18		
	5th Main Road		2.5	211.90	0.10		52.98		
	4th Main Road		2.5	210.30	0.10		52.58		
	3rd Main Road		2.5	212.40	0.10		53.10		
	2nd Main Road		2.5	210.50	0.10		52.63		
					Total Qty		**841.71**	**525.80**	**442571.00**

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
64	Supply and fixing of Retro Reflective Single Arrow Road Name Signboard of size 1600mm x 900mm made out of retro reflective sheeting conforming to Type XI standards of ASTM D 4956-09 & as per IRC 67-2012 for full back ground of blue colour & white letters and fixed over 4 mm thick Aluminium Composite Material sheet having minimum 0.5 mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame SS angle of 15mm x 20mm x 1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm OD stainless steel pipe of 202 grade firmly fixed to the ground by means properly designed foundation 1 of size 450mm x 450mm x 600mm in 1:1.5:3 ratio cement concrete. The background shall be blue in color with letters and border in white, the item includes earthwork excavation, cost of all materials, loading, unloading, lead, lift, transportation etc., complete. as per direction of engineer in charge of work clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manufacturer & a certified copy of test reports from an Independent test laboratory conforming to clause 6.7 of IRC 67 2012 including outdoor weather exposure report for the retro reflective sheeting offered shall be submitted by the contractor for technical qualification in the tender with all lead and lift and completion of the work as per directions of the Engineer-in-charge of the work								
	Approved Rate								
		Nos							
	Approved rate	***38000.00***							
	Surabhi Layout		6.0				6.00		
	For Lake View Layout		5.0				5.00		
	For Sapthagiri Layout Main Road		4.0				4.00		
	Maruthi Nagara		19.0				19.00		
	Badramma & Shankarana Badavane Shivanahalli		8.0				8.00		
	APTS		15.0				15.00		
	Judicial layout		8.0				8.00		
	Ward Limits		22.0				22.00		
					Total Qty		**87.00**	**38000.00**	**3306000.00**
65	Supplying and Fixing of Molded Shank Raised Pavement Markers / Cat's Eye made of polycarbonate and ABS moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to ASTM D 4280 Type H and complying to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 +/- 2 mm and with minimum reflective area of 13 cm2 on each side and the slope to the base shall be 35 +/- 5 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 +/- 2 mm and height not less than 30+/- 2 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer.The contractor shall submit a two year warranty for satisfactory field performance including stipulated retro-reflectance of the reflecting panel, to the Engineer.								
	S.R.page150 SL NO 21-c of KPWD S.R 2021-22).Volume 3								
		Nos							
	Basic rate	***500.00***							
	Area Wieght age @ 10%	***50.00***							
	Total Rate in Rs	***550.00***							
	For Sapthagiri Layout Main Road		2.0	40.00			80.00		
					Total Qty		**80.00**	**550.00**	**44000.00**
66	Lead for Disposal of Debris								

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Sl. No	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	(Page No. 3, Sl.No.1.1C and 1.4A of KPWD S.R 2021-22.Volume-3).								
		Cum							
	Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum. (Tipper 14 m3)	74.00							
	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km Page No. 3, Item No. 1.4A	12.00							
	Sub Total	**86.00**							
	Area Wieght age @ 10%	**8.60**							
	Total Rate in Rs	**94.60**							
				Qty Vide Item No 1			20.32		
				Qty Vide Item No 2			3973.78		
				Qty Vide Item No 36			165.83		
	Qty Vide Item No 52		1	5041.79		0.04	201.67		
				Qty Vide Item No 53			3088.07		
					Total Qty		**7449.66**	**94.60**	**704738.00**
								Sub Total	**87498263.00**
								Add 12% GST Charges	**10499792.00**
								Add 2% DPR & PMC Charges L/S	**2000000.00**
								Miscllenous and other charges	**1945.00**
								Grand Total	**100000000.00**

Administrative Sanction for Rs. 1000.00 lakhs Rupees Ten crore Only is accorded under head P-3877 Amruth Nagorathan Grads Registered as CE No. 23 Subject to conditions contained in enclosed memo No. BBMP/EE/YNK-D/AS/23/21-22 Dt. 18/8/2022

Executive Engineer

Certificate:-

1. That the workspot inspected by me and found work is necessary.
2. That the area comes with in the Bruhat Bangalore Mahanagara Palike Limits.
3. That the rates are adopted based on the PWD SR of 2021-2022 (Issue Rate) & Data Rate
4. That the provisions made in the estimate are necessary and quite essential.

CIVIL INFRA TECH CONSULTANCY

Consultant
For Civil Infra Tech Consultancy

W-01
Assistant Engineer
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

Executive Engineer
Yelahanka Division
BBMP

Technical Sanction
Accorded 1000.00 lakhs
Head of A/c P-3877
CER NO : 21 **Dt:** 21/6/2022

TA CE